DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

TENTH

ANNUAL GENERAL REPORT

OF THE DEPARTMENT,

1909-10.

Presented to both flouses of Parliament by Command of his Majesty



DUBLIN:

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DUBLIN CASTLE.

24th Marck, 1911.

....

I have to acknowledge the receipt of your letter of the 21st instant, forwarding for submission to His Excellency the Lord Licutement, the Tenth Annual Report of the Department of Agriculture and Technical Instruction for Ireland.

I am, Sir,

Your obedient Servant,

J. B. Dougherty,

THE SECRETARY,
DEPARTMENT OF AGRICULTURE AND

TECHNICAL INSTRUCTION FOR IRELAND.

Durin.

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TENTH

ANNUAL GENERAL REPORT

Department of Agriculture and Technical Instruction

for Ireland.

TO HIS EXCELLENCY
JOHN CAMPBELL, EARL OF ABERDEEN,
&c., &c., &c.,

LORD LIEUTENANT-GENERAL AND GENERAL GOVERNOR OF IRELAND.

MAY IT PLEASE YOUR EXCELLENCY,

I have the honour, on behalf of the Department of Agriculture and Technical Instruction for Ireland, to submit their Tenth Annual General Report.

Following the procedure adopted in previous years, the Annual Report of the Department includes operations up to the close of the agricultural year. It has been found more convenient to adopt this arrangement than to limit the Report to the period of the financial year.

The Report has been divided as follows:—

Part I. Administration and Funds.

Council of Agriculture and Boards.

Funds of the Department.
 Administration of the Endowment Fund.

Central Institutions.
 Miscellaneous.

Part II. Details of the Department's Operations.

Agriculture.
 Technical Instruction.

Fisheries.
 Statistics and Intelligence.
 Veterinary.

6 Transit.

I .- COUNCIL OF AGRICULTURE AND BOARDS.

The Council of Agriculture, which is constituted under Section 7 of the Agriculture and Technical Insurance 104 members, of whom 68 are appointed by the County Councils and 34 are nomi-

nated by the Department, the President and Vice-President of the Department heing ex-officio members.

By Section 27 of the Act of 1899 the members of the Council of Agriculture and of each Board established by the Act, hold office for terms of three years. The present Council was constitited in April, 1890, and the members will, accordingly, hold office until list March, 1912.

The nixteenth meeting of the Council was held on the 80th November, 1909. Among the most important subjects discussed at this meeting were the following:—borsebreeding in Ireland, forestry, Irish fisheries, the Royal Veterinary College of Ireland, school garden instruction in connection with National Schools, and the Trish Dairy Herd Scheme.

The symboth meeting of the Council was held on the 24th May 1910. The following among other matters were under discussion:—A dead meet trade for Ireland, the Development and Read Improvement Funds Act, 1909, the question of a station for scientifia research in relation to agriculture, re-affectation, the again their industry, arterial drainage, horsebreciating in the North of Ireland, and the need for encouraging the hreeding of horses of the Irith draught type.

The sixteenth and seventeenth meetings of the Council were held as usual in the University Bulldings, Earlsfort Terrace, where, through the courtesy of the Senate of the University, the necessary accommodation was placed at the disposal of the Department.

The eighteenth meeting of the Council was beld on the 19th the council of the Council was beld in the Lecture Theatre of the Royal Dublin Society, Leinster House, Kildare Street, Dublin, by kind permission of the Council of the Society. At this meeting the head of a Bill to promote the Irish dairying industry were discussed, amended, and approved. The Council had also under consideration the Report of the Viorregal Commission on Irish Radiways; the question of grants from the funds at the disposal of the Development Commission for Irish forestry, horsebreding, scientific research and fasheries; the Weeds and Agricultural Seeds (Ireland) Act, 1969; potate spraying; arterial drainage, and certain dissease of Iris stock,

A summary of the proceedings of each meeting of the Council, together with the Vice-President's Address, was published in the Department's Journal.*

THE AGRICULTURAL The Agricultural Board in the year 1809-10 goard. consisted of the following members:—

Name.	Address.	B/ whom appointed.			
Daly, Very Rev. Canon, D.D.	Diocesan College, Bal- larhaderoen, Co. Mayo.	Connect Provincial			
Downes, Robert, J.P., .	Russellstown, Mullinger,	Leinster Provincial Com- mittee.			
Everard, Col. Nugent T., H.M.L.	Randlestown, Navan, Co. Meath.	The Department.			
Gore-Booth, Sir Josslyn, Bart, D.L.	Lissadell, Stigo.	The Department.			
Healy, His Grace the Most Rev. John, D.D., Lord Archbishop of Toam.	St. Jarinth's, Toam, Co. Galway.	Committee.			
Kelly, Most Rev. Denis, D.D., Lord Bishop of Rose,	Bishop's House, Skib- bereen, Co. Cork.	Munster Provincial Com- mittee.			
McCance, John S. F.,	Woodbourne, Danmarry, Co. Antrim.	Ulster Provincial Com- mittee.			
M'Donald, William, J.P.,	Laharan, Minane Bridge, Carvinaline, Co. Cork.	Munster Provincial Com- mittee.			
Monteagle, The Right Hon. Lord, K.P., D.L.	Mount Trenchard, Founts, Co. Limerick.	The Department.			
Montgomery, H. de F., D.L.	Blessingbourne, Five- miletown, Co. Tyrone.	Ulater Provincial Com- mittee.			
Murnaghan, George, J.P.,	Lisanelly House, Omagh, Co. Tyrone.	The Department.			
O'Neill, Patrick J., J.P.,	Kinsealy House, Mala- hide, Co. Dublin,	Leinster Provintial Com			

The Agricultural Board meet at the Offices of the Department, Upper Merrion Street, Dublin. The funds controlled by the Agricultural Board are set forth on page 8. The schemes and operations of the Department that are explained in detail in the section of this report which deals with Agriculture, have all been undertaken with the advice and concurrence of the Beard.

^{*} See Journal, Vol. X., Nos. 2: 4; pp. 207; 607 Vol. XI., No. 1, p. 3.

THE BOARD OF TECHNICAL INSTRUCTION.

The Board of Technical Instruction in the year 1909-10 consisted of the following members:—

4

Name.	Address.	By whom appointed.
Barbour, Frank	Annebrook, Mullinger, Co. Westmeath.	Ulater Provincial Cor
Clanzy, Most Rev. John, D.D., Lord Bishop of Elphin.	St. Mary's, Sligo-	Comments Provincia Committee.
Crozler, James, J.P., V.S.	26, Montpelier Hill, Dublin.	Dublin County Boroug Council.
Dickson, Alexander, .	15, Parliament-street, Dublin.	Dublia County Borong Council
Donnellan, Alderman Thomas,	Limeriok,	Limerick Count Borough Counsil.
Dunn, Christopher J., J.P.	I,Mount Verdou-terrace, Wellington-road, Cork.	The Department.
Evans, Rev. Henry, D.D., M.R.J.A., F. (.H.	St. Helen's, Blackrock, Go. Dublin.	Commissioners of Na tional Education.
Finlay, Rev. T. A., M.A.,	35, Lower Lesson-street, Doblin.	Leinster Provincial Con
Glynn, Joseph A., B.A.,	Beeck House, Tuam, Co. Galway.	The Department.
Good, John,	The Moorings, Merricu- road, Dublin.	Joint Committee of Cour- cile of the Co. Dubli Urban Dastricts.
Honderson, Sir James, A.M., D.L.	Onkley House, Windsor- park, Belfast.	The Department.
Johnston, Sir John Barr, J.P.	Londonderry	Londonderry Count Berouth Council.
Macartney, William, J.P.,	33, Cliftonville-rd., Bel- fest.	Belfact County Borong Council.
McClelland, John A., M.A., D.So., F.R.S.	Rostrevor, Grwell Road, Reshger, Co. Dublin.	The Department.
Mercier, Alderman Samuel T., J.P.	2, Mount Clifton, Clif- tonville-road, Belfast,	Belfast County Borongi Council.
O Ceallaigh, Seaghan T.	8, Belvedere-evenue, Dublin.	Dablin County Borough Council.
Power, Thomas,	Dongarvan, Co. Water- ford.	'Munater Provincial Com- mittee.
Sheeban, Must Rev. Richard A., D.D., Lord Bishop of Waterford and Litanore.	Bitliop's House, John's Hill, Waterford.	Waterford Count Borough Council.
Sink, Richard, .	Evergreen-villes, Cork.	Cork County Borough
Starkie, William J. M., "M.A., Litt.D.	Tyrone House, Marl- borough-street, Dublin,	Intermediate Education Board.
Teylor, · Alexander, .	131, Donegoli-street, Bel- fast.	Belfast County Borough Council.

£29,000

The Department regret to have to record the death in April, 1910, of Mr. William E. J. Molley, J.P., M.R.I.A., one of the Commissioners of National Education in Ireland. Mr. Mollov was a member of the Board of Technical Instruction since April, 1908, heing the representative appointed by the Commissioners of National Education. The Commissioners appointed Reverend Henry Evans, D.D., M.R.I.A., F.I.H., to fill the vacancy caused hy the death of Mr. Mollov.

As explained in the Ninth Annual General Report, the annual sum of £55,000 as provided by Section 16 (1) (c) of the Act of 1899 was allocated by the Department with the concurrence of the Board of Technical Instruction for the triennial period ending S1st March, 1912, as follows:-

For Technical Instruction in County Boroughs 496 000 For Technical Instruction elsewhere than in County Boroughs, and for central purposes

The Board, therefore, control the expenditure of an annual sum of £29,000, which is applicable for technical instruction elsewhere than iff County Boroughs, and for certain central purposes. The halance of the £55,000, viz. £26,000. allocated, with the concurrence of the Board, for technical instruction in the six county horoughs, is applied in aid of schemes in these horoughs subject to the approval of the Department alone. Out of the sum of £29,000 referred to, the Department, with the concurrence of the Board, set aside au annual sum of £4,000 for central purposes, e.g., for Senior Scholarship schemes, provision for training teachers, &c. The remaining £25,000 is distributed in aid of approved schemes of technical instruction in urhan and county districts. Details of these schemes will be found in Part II, of the present report, under the head of "Technical Instruction.

As the funds available for the ordinary subjects of technical instruction are all needed for the urban schemes, the Department again found it necessary to ask the Agricultural Board to allocate a sum of £9,000 out of the funds administered with the concurrence of that Board, for Manual Instruction and Domestic Economy classes in rural districts. Such classes are regarded as part of the general scheme of agricultural education, but, for administrative reasons, the Department have hitherto found it convenient to administer this sum with the concurrence of the Board of Technical Instruction. Classes in lace and crochetmaking, and other rural industries, are also financed from the Agricultural surplus, the amount voted in 1909-10 for this special purpose being £3,000.

The Consultative Committee for co-ordinating educational administration, as constituted by Section THE CONSULTATIVE 28 of the Act of 1899, consists of the Vice-COMMITTEE President of the Department as Chairman, OF EDUCATION. and one person appointed by each of the following hodies:-The Commissioners of

National Education, the Intermediate Education Board; the Agricultural Board, and the Board of Technical Instruction.

The Committee in 1909-10 consisted of the following members:—

Name.	Address.	By whom appointed.
The Right Hon. T. W. Russell, Vice-President of th. Department.	Department of Agricul- ture and Technical In- struction, Dublin,	Ex-officio.
William J. M. Starkir, M.A., Litt.D. Rev. T. A. Finlay, N.A.	Tyrone House, Maribo- rough-street, Dublin. 35, Lower Leeson-street, Dublin.	Commissioners of Na- tional Education. Intermediate Education Board.
John A. McClelland, M.A., D.Sc., F.R.S. T. P. Gil-	Rostrevor, Orwell-road, Rothgar, Co. Dublin. Department of Agricul- ture and Technical In- struction. Dublin.	Board of Technical In- struction. Agricultural Board.

2 .- FUNDS OF THE DEPARTMENT.

(a.) Parliamentary Vote.

In the Parliamentary Fost for the Department for 1980-0.1 previous was made for the salaries and other expenses in econocions with the Institutions and efforts transferred from other expenses in econocions with the institution of the salaries and efforts transferred from other expenses of effects appealed the test April, 1990. The Volumber of Computer of Computer appealed these test April, 1990. The Volumber of the Computer of the Salaries and expenses of effects appealed the test April, 1990. The Volumber of the Computer of the Salaries and Education Appealed the Salaries and Salaries and Education Appealed the Salaries and Salar

The Parliamentary Vote also contained the grants for Science and Art Instruction in Ireland, payable to schools which adopt the Department's programme for Experimental Science, Drawing, Manual Instruction, and Domestic Economy. The provision made for these purposes was £48,750, an increase of £5,150 on the corresponding provision for the previous year.

The expenditure in respect of the institutions maintained from the Parliamentary Vote during the year 1908-10 was as follows:— [16.087]

National Museum of Science and	Art.		13,568
National Library of Ireland,			5,477
Metropolitan School of Art			6,310
Royal Botanie Gardens, .			4,638
		Part Part	
			£44.138

The Geological Survey of Ireland was transferred, as from 1st April, 1905, from the Board of Education England, to the Department. The expenditure on the survey in 1909-10 was

(b.) Endowment Fund.

During the year ended 31st March, 1910, the whole of the Department's Annual Endowment Foud provided under the Agriculture and Technical Instruction (Ireland) Act, 1899, viz., £166,000, was duly received, together with a further annual sum of £5,000 under the terms of the Agriculture and Technical Instruction (Ireland) Act, No. 2, 1902. The latter sum was formerly payable to the Royal Dublin Society, under the Probate Duties (Scotland and Ireland) Act, 1888, for the improvement of the breeds of horses and cattle. There was also received a contribution of £7,000 from the Ireland Development Grant, carmarked for the purposes of Technical Instruction, £1,534 from the Congested Districts Board in respect of agricultural schemes in congested districts, the work in connection with which was provisionally transferred to the Department in the year 1903, and £4,425 under Section 49 of the Irish Land Act, 1909. The amount received as interest arising out of securities held by the Department, and from moneys on deposit in the Bank of Ireland, was £9,034, and the interest received from loans for bulls, stallions, agricultural banks, etc., was £715.

(c.) The General Cattle Diseases Fund.

The General Cattle Diseases Fond was formed under the Centagious Diseases (Aminal) Act of 1878 by assessment on the several Poor Law Unions in Federal, mainly see the purpose over the present of the Cattle Cattle of the Poor Cattle Cattle of the Cattle Cattle of the Cattle Cattle Cattle of the Disease of Aminal Act, who seeming the Inches which night otherwise poss underly or particular beadings, owing to the provisions therein of constiguous diseases (Cattle Cattle Cattle

The Funds requisined of patients in the set animal value of property therein. The total anomat which may be levied in the several contributing bodies for this purposes of the Fund in the several contributing bodies for this purposes of the Fund in the patients by the Tomas of the Fund of the Funds of th

A proportion of the fines recovered in prosecutions for offenoes under the Discusse A drainals Acts is also carried to the credit of the General Cattle Discusse Fund, and the amount thus realised covers certain misculmenous expenses of the central authority, such as the express incurred in the examination of carcease washed ashore, etc., with which the Fund is also chargeable under Section 72 (4) of the Discusse of Animals Act of 1895.

3.—ADMINISTRATION OF THE ENDOWMENT FUND.

The Department's Endowment Fund at present consists of an annual income of £166,000 under the AgriTHE ENDOWSHAN CHITER and Technical Instruction (Treland)
FUND. Act of 1899, £5,000 under the Agriculture

When the sums mentioued have been set aside for these purposes,

PURNS FOR AGRICULTURAL PURPOSE STATE AND AGRICULTURAL PURPOSE STATE AND AGRICULTURAL PURPOSE OF AGRICULTURA and other Turnal purpose of agricultura and other Turnal sums, amounting in all to 2304,000, were pinced at the disposal of the Department under Section I. (6) and (2) of the Act of 1899.

These sums and the unexpended balances of the annual income of the Endowment Fund during the initial years of the Department's existence were invested in Government securities. The nominal or face value of the securities held on allsi March, 1910, includ-securities held on all si March, 1910, includ-securities held on allsi March, 1910, includ-securities held on all si March, 1910, includ-securi

ing £39,000 Comols renasferred from the Board of Works to the Department in April, 1904, in respect of the Ses and Coast Fisheries Lean Brid, was £376,446, and their cash value was £340,759. A first around £230,000 was on temporary deposit in The Market of Ireland.

The liabilities on the total amount of £281,759 in respect of sums specifically ear-marked under Section 16 of the Act of 1899, were as follows:—For stehnical instruction in the six courty horogaph, £32,265; for technical instruc-

tion in urhan and rural districts, £10,824; for extension of special schemes of technical instruction, £11,855; 291,500 on 01st acree, 1910.

Deducing the liabilities from the sum of £281,759, there remained a-sum of £189,805 available for the purposes of agriculture and other rural industries, and see and richard failserts. The latter sum has been allocated, with the concurrence of the Agricultural Beard, for various undertakings, such as the purchase of additional land in connection with the 'Agricultural Colleges and Stations of the Decortment the building and conjunctions.

ment of agricultural schools, loans to Agricultural Credit Societies, loans for the erection of fencing, the purchase of bulls and stallions, etc., marine works, and the protection and development

of sea and inland Schories.

The net expenditure on the agricultural side of the Department's work in 1909-10, including the grant of £9,000 for the purpose of providing instruction in manual work and domic economy in rural districts, was £11,7778. The details of the expenditure are shown in the Appendices, pages 168-7.

Under Section 16 (c) of the Agriculture and Technical Instruction (Telland) Act of 1899 an annual sum PUNE FOR of £55,000, allocated for the purposes TECHNICAL of technical instruction, is to be divided INSTRUCTION. into two parts, one part of which (£22,000 for the three years ending 1911-19) as

distributable, in proportion to their respective populations, among the county boroughs in aid of approved schemes of technical instruction, and the other part (£29,000) for schemes of technical instruction disawhere than in county boroughs, and for ordinato other purposes mentioned in the Ao4, such as the collection of information for the purposes of technical instruction.

The grant in aid of technical instruction for 1909-10, commonly known as the "Equivalent Grant," was duly received from the Ireland Development Grant, and amounted to 27,000.

A grant of £9,000 for the purposes of instruction in manual work and domestic economy in rural districts was made from

the funds administered by the Agricultural Bound. The total of the unan evaluable in 1905-10 feet collection. The Total of the unan evaluable in 1905-10 feet collection of the balance of £71,922 trought forward from the year 1905-0. The expenditure was #91,93.00 of with £2.1188 was paid to the position of \$1.000 feet for \$1.0000 feet for \$1.000 feet for \$1.000 feet for \$1.0000 feet for \$1.0000 feet for \$1.0000

courses for teachers of elementary science, drawing, manual instruction, and demestic economy.

Under Section 16 (d) of the Act a provision of £10,000 is to be made each year for the purposes of sea fisheries.

The total sum available for these pur-

PISHERY PURPOSES.

poses in 1900-10, finelucing the balance ourried forward from 1808-8, and sandy receipts, was £33,181. The gross expanditure was £12,149, of which £677 was opent or and Ballindy. Further information regarding these and other marine works, the patrol of the fishing grounds, and the investigations carried on at the marine laboratory and overter best at Artitry, the cost of which is distrayed from this fund, is given in the Instance.

The portion of the Sen and Coast Fisheries Fund reserved by the Purchase of Land (Irand) Act, 1891.

SEL AND COAST for expenditure elsewhere than in Cop-FISHERIES FUND. Select of the Commissioners of Public Works, was transferred to the Department under an Order in Council dated 24th March, 1994, in scoordance with the terms of Section 16 (c) of the Agriculture and Technical Instruction.

(Ireland) Act, 1890. Therefore Fourl was the residue of a mar bas on and con unhorized new the relief of distress in the land of the relief of

By the Agriculture and Technical Instruction (freland) Act, 1829, this sum of £20,000—oven what it was then represented by in cash, investments and outstanding leans—was placed at the disposal of the Department. It was not, however, actually transferred until 1st April, 1904, when the Department received, from the Commissioners of Public Works £1,261 13s. 6d. in cash, £20,000 in Consols, and promissory notes to the amount of £7,700, inclusive of arrears and irrecoverable balances.

It has been found to be unnecessary to keep the whole of this fund separate for the sole purpose of making loans to fishermen. A substantial part of it has, however, been reserved for that purpose, the balance being allocated to the furtherance of other

objects in connection with sea fisheries.

During the period of fifteen months ended 31st March, 1910, coor bundred and fifty-one applications for new leans were favourably considered by the Department, and a sum of 25,660 was issued for the purchase and repair of fishing heats and gear. The manner is which there leans are repeal continues to be assistency. The details of the transactions are published in the Department's Annual Report on the Sea and Inland Fisheries of

4 .- CENTRAL INSTITUTIONS.

The Forty-second Annual Report of the Dean and Council of the Royal College of Science will be found in

BCKAL COLLEGE OF the Appendices, page 391.

The number of students attending the College during the Session 1909-10 was 126, of whom 92 were Associate Students and 26 were Non-Associate

Students. These included four Royal Scholars, fifteen Seience Scholars, thirty Agricultural Scholars (nethoding two in Horticulture and one in Forestry), and fourteen Teachers-in-Training, in addition there were one Loosel Exhibitioner, one Special Redesire and the Company of the Scholars of the Company o

summer courses of instruction which the Department organise cach year mainly for the further training of teachers working under their programme of Experimental Science, Drawing and Manual Instruction for day secondary schools. In 1910 these summer contress were held at 26 centres, with an attendance of contrast of the contrast of the Royal College of Selection. Let 200 detended the courses at the Royal College of Selection.

The Clair of Engineering hecame vessent at the beginning of the Session 1990.10 by the death of Professor James Lyon, M.A. Mr. H. H. Jeffcett, B.A. B.A.I., McI.Mech.E., Ex-Scholar and Senjor Moderator, Trinity College, Duhlin, who was Hend of the Metrology Department of the National Physical Laboratory, Teddington, was appointed to fill the vessency.

In the Department's last Anniel Bepert it was stated that the Dublic Commissioners repointed under the Irrist Universities Act, Dublic Commissioners repointed under the Irrist Universities Act, Dublic Commission of the technological work, including question of the Goval College of Secimer with that of the Irrist Commission of the Royal College of Secimer with that of the interchange of views on the matter the Commissioners had interchange of views on the matter the Commissioners had interchange of views on the matter the Commissioners had interchange of views on the matter the Commissioners had interchange of views on the matter the Commissioners had been considered in the Commissioners and the Commissioners of th The Belfast University Commissioners had also approached the Department on the question of possible co-ordination between the Queen's University of Buffast and the Royal College of Science. The Department curpressed their willingness to co-operate with the Queen's University in this way, and consolitation between them and the authorities of the University have taken place, with the department of the College of the College

A brief account of the Royal College of Science was given in the Ninth Annual General Reports of the Department. In view of further possible development in the direction of co-ordination with the three Universities that now exist in Ireland, it may be useful again to give a summary of the work of the College.

The sensing and of the Boyal Collage of Science as greent consists of enteresting and admission, and admission of enteresting and admission, and the military distriction. Associate Experimental Physics, Blainer-Scholering, Associates Steps, Aerochard Bourse, Agricultural Boyal, Aerochard Boyal, Aerochard Boyal, Aerochard Boyal, Alexandria, Al

College, is ministanced by the provision made in the annual Parkin meatury Veice, the attained from being proprieted in side of the Veice. In the year 1909-10, the net cost of the College feasibutes of the cost of mantenance of buildings, furniture and lighting, which is defraged by the Board of Public Walks, and of statisticarry, printing, etc., defraged by the Statistocy Office) was approximately 216,100.

The few payable by Associate students are \$15 for the first year, \$20 for the second year, and \$25 for the third year, \$10 for the second year, and \$25 for the third year. These fees cover afreed-second at all betteres and therefore and weeking occurses, as well as the fee for year course of sections \$2.9\$, while for each students the fees for parameter years \$2.9\$ while for such students the fees for parameter years \$2.9\$ for a special course of one ment to \$2.7\$ A number of sciolarships and "steelerships the transfairs" are nevertised. A number of sciolarships and "steelerships the transfairs" are nevertised.

in connection with the College. Some of these have been instituted by the Department principally with a view to training instructors for service unner the Department's schemes. In the Agricultural Faculty about fifteen scholarships are offered each

rate for competitive seonal recognitions who done to acquire, a representative section of the provided for antidoxis who included in generalization in hericalization forestry, and to the first pairs of t

of Agriculture have been trained as agricultural experts, and of these 58 fre now employed in Ireland in various capacities in connection with the

Department's rewk.
In addition to the adolartably in the Yardyr of Agriculture, for In addition to the adolartably in steme and technique and for "inchespiness-extensing configurations of the "inchespiness-extensing configurations of the property of the

Other michaeling, as well as unclue and prices, we she offered to competition. For international period point between the confidence of the proceedings of the confidence of the proceedings of the proceeding of the proceeding of the proceeding of the proceeding of the proceedings of the proceedings

The new buildings for the College, which are being screed under the direction of the Commissioners of Public Works, adjoining Upper America, and the Commissioners of Public Works, adjoining the Commissioners of Public Commissioners of Public Commissioners, and commissioners of the Commissioners of the Commissioners of the Commissioners of the Country, etc., will form an adjunct to the main structure. The Department hope that the new College will be in full working order by the commissioners of the Session, (1911-192).

In the Irish Antiquities Division of the National Museum the collection has been increased by the addition SATIONAL MUSRUM of 136 bijects, 47 of which were deposited by our SCHENCE AND ARY. the Royal Irish Academy, and 58 were added to the collection by direct purchase.

casts of antiquities moulded by the Miseum staff were also added to this division. The arrangement of the west crypt has been proceeded with, and all the camoes, and most of the Ogham inserfled stones, have been placed therein. These, together with the bronze pots, querns, a large collection of early ecclessated tiles, and a collection of pikebeads, form an exhibit of much interest.

In the Art and Industrial Division the lighting of the Ehhnological Room, No. III., bas been much improved. The collections have been enriched by the purchase of a considerable number of objects, including a very fine Irish chalics. The valuable private collection of pottery, porcelain, glass, etc., made by the late Mr.

T. H. Longfield, F.S.A., for many wears Keeper of this division of the Museum, has also been purchased,

In the circulation division, 48 new cases and frames of objects were prepared, including 18 cases of agricultural specimens sent to the Department's Agricultural Station at Ballyhaise and 17 sent to the Agricultural Station at Clonakilty. There are now 318 cases and frames available for issue to schools. There were 589 issues during the year.

In the Natural History Division, Zeological Section, owing to

the alterations in the building consequent on the removal of the old porch and the provision of a new entrance into this portion of the Museum, it became necessary to re-arrange the entire lower room. Advantage has been taken of this opportunity to re-classify the Irish collection by bringing together the recent and fossil forms. This work has been commenced and will be well advanced before the end of next year. In the Botanical section the re-arrangement of the Economic

collection has been begun, and a number of specimens from Java, Samon and Hawaii are in process of incorporation.

In the Mineralogical section, the Irish minerals have been transferred from the curved gallery to Annexe Room III. There has been a considerable increase in the number of students making use of the Natural History and Botanical collections.

The attendance of readers at the National Library of Ireland during the year has been 189,266, being an national library increase of 670 over that of last year. This OF IRELAND. appears to be principally due to the Library

having been opened three days more in 1909-10 than in 1908-9. The number of volumes added to the The Author Catalogue for the year 1906-7 has been printed off and issued during the year. The printing of the Decennial Subject Index, 1894-1908, is far advanced, and the preparation of the Septennial Index, 1904-1910, is now in progress. Many important donations have been received, notably those from Mrs. Henniker Heaton, being portion of the library of the late Sir John Banks. and a second gift from the Royal College of Physicians in Ireland supplementing that referred to in last year's report.

The Session 1909-16 at the Metropolitan School of Art was in every respect a satisfactory one. Although METROPOLITAN there was a slight decrease in the number of SCHOOL OF ART. students enrolled-391 as compared with 417 in the previous Session-there was an in-

crease in the number of examination successes secured. In the National Competition the number of awards secured by students of the School totalled 37 as against 22 in 1969; the awards in 1916 included one Silver Medal, four Bronze Medals, eight Book Prizes, and twenty-four Commendations. In connection with the School of Art Courses the Department arranged with Professor Beresford Pite, F.R.I.B.A., to deliver, during the month of July, a public course of three lectures on the subject of " Archi-These lectures were largely attended and tectural Education."

much appreciated. The Royal Botanic Gardens were well maintained during the year and, while no important changes were made, many necessary repairs were carried

out in the various buildings and glass-houses. GARDENS. In the outdoor department improvements were made in the Arboretum and Pinetum; and the re-making and re-planting of the old rock work was continued. Some damage

ROYAL BOYANIC

was done to trees and shrubs by a heavy fall of snow in February, 1910, and the severe frost that accompanied it was destructive to some tender shrubs which had stood out for several years uninjured. The chief work of the Geological Survey of Ireland in the year

1909-10 consisted in carrying on the survey GEOLOGICAL SURVEY of a number of areas in the north-west of OF IRELAND. Ireland of which no maps had ever been prepared upon the six-inch scale. An investiga-

tion was made as to the geology of Clare Island, with a view to the publication of a map showing the surface-deposits in a region of much scientific interest. Memoirs, including coloured geological maps, were published on the rocks dredged from the Atlantic by the Department's Fishery Survey, and on the goological features and soils of the Department's Agricultural Station at Ballyhaise. Particulars regarding the year's work in the Royal College of

Science, the National Museum of Science and Art, the National Library, the Metropolitan School of Art. the Royal Betanic Gardens and the Geological Survey of Ireland are given in the Appendices. The Report of the Board of Visitors of the National Museum and the Royal Botanic Gardens is printed at page 467, and the Report of the Connell of Trustees of the National Library at page 477.

5.-MISCELLANEOUS.

The Irish Land Act, 1909, which came into operation on 6th January, 1910, contained the following THE IRISH LAND clauses affecting the Department :-ACT. 1909.

TRUSTEES FOR PURPOSES OF TURBARY, PASTURES, &c. " 18. (1.) It shall be learful for the Department of Agriculture and Rechnical Instruction for Ireland, or the council of any county or of any rural district, to purchase any parcel of an estate under sortion 4 of the Act of 1908 for my of the purposas mantioned in that sortion.

* The purposes mentioned in Section 4 of the Yeish Land Act, 1903, are :-Turbary, gusturage, the mining of sand or gravel, the cutting or gathering of sea weed, the planting of trees, or the preservation of game, fish, woods or plantations, or for the purposes of the Labourers (Ireland) Acts, 1883 to 1895, as amended by the Land Act of 1903. and the said Department or any such council, or any other body corporate having power to acquire land, may not as trustees for those purposes, and may obtain advances for the purchase.

and this cosmic survaines for one purcuiser.

"(4.4) Where any land is purchased by the said Department or a county
"(4.5) Where any land is purchased by the said Department or a county
user of the limit mention of the limit o

THE CUTTING OF TREES ON HOLDINGS.

"32. (J.) (a). The propriete shall not, without the consust in writing in the presented from on the Populations of Approximets and Technical Instruction for Ireland, out down or spreed, or permit to be out down by the constraint of the propriete chall be pully of an oldman under this A₁, and shall be received by the constraint of the constraint of

TRANSFER OF CERTAIN POWERS AND DUTIES TO THE DEPARTMENT OF AGRICULTURE.

"47. The powers and duties of the Congested Districts Beard under any ensetment, so far as they relate to any of the following matters; namely ---

(a.) The provision of seed potatoes or seed cats;
(b.) Agricultural instruction or practical husbandry; or

(c) The adding and developing of femality or the breeding of live stock or poultry;
shall on the appointed day be transferred to the Department of Agriculture and Penniodal Institutions for Fredand (in this Part) of the referred to as the Department) and shall from that day exist to be covariated or performed by the Rondi.

CONSULTATIVE COMMITTEE FOR FURFORES OF FISHERIES.

"48. For the purpose of advising the Department and the Compassion Destricts Enough with a view to the co-collisation of the obscitations of the heatests of the Department and the Board respectively in relation to the contract of the Department and the Board respectively in relation to the contract of the Department and the Board respectively in relation to the Department and the Department and the Partment of the Partment of the consisting of the members, of whom three shall be nominated by the Department, and three shall be nominated by the Board."

PROVISION OF MONEY FOR THE DEPARTMENT OF AGRICULTURE. "49. As from the appointed day, an annual sum of one hundred and

"49. As from the appointed day, an annual sum of one hundred and sixty-three thousand seven hundred and fifty pounds shall be paid out of moneys provided by Parliament, as follows:— Out of that sum an annual sum of nineteen thousand pounds shall

Out or that sum an animal sum of minoteen thousand pounds she be poid to the Department for the purpose of the extracte of it powers and the performance of the duties transferred to the Department under this Act, and the residue shall be paid to the Congest-Districts Beerd.

"Provided that at any time rifer the expension of fire years from the appointed sky the Load Leadment may, on the application of the Department of the Department of the Department of the Department of the purpose of forced shall be increased or reduced, and the increased or reduced amount shall as from the date of the Department of the the purpose of created shall be increased or reduced amount shall as from the date made this could be the Department made of the could be a supposed to the Department made of the could be a supposed to the Department made of the could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Could be a supposed to the Department of the Department of the Could be a supposed to the Department of the Department of the Cou

The arrangements made by the Department for carrying out the new duties imposed upon them under the foregoing clauses, will be referred to in later sections of the Report.

In the Ninth Annual Report reference was made to the appointment
ommertee on
inise butter industry. The Committee on sisted
of the following members:—

Jons Reven Campania, Esq., R.Sc., Assistant Secretary in respect of Agriculture of the Department of Agriculture and Technical Instruction for freshald (Chainman);

Professor Trowns Camous, M.R.J.A., Aglicultural Inspector of the Department of Agriculture and Technical Instruction for Ireland;

E. G. HAYOARTH BROWN, RSQ., Superintending Inspector of the Board of Agriculture and Probetics;
The Right Hon. the Earn or Carriers, Inspector for Irish Produce in Great Britain of the Department of Agriculture and Technical

Institution for Ireland;

A. Pouce Wilson, Esc., Inspector of Dairying of the Department of Agriculture and Technical Institution for Ireland.

The terms of reference to the Committee were:-

"Vo inquire into and interpret the principal forms of trade description (as selfended by Section 3 of the Merchandus Burks Act, 1897) at passion applical, in the Unified Kingdom, to different prades of better; and to suggest what additional measures, if any, 1 is desurable for the Department to take in the interests of the Irah injury to the industry from the one of false trade description."
The Committee having heard evidence at the principal centres

of the batter trade in Great Britain as well as I treband, and intelled their Beports to the Department in March, 1910. The brought it is the bright of the property of the property of the property of the brought it to the notice of the Trade Associations and other todies on the Committee in regard to frazio descriptions have here Invorcement in the Trade Darrying Houstay. The conclusions of the Committee in regard to frazio descriptions have here Invorcement to the Property of the Committee in Property of the Engineering of the Committee in Property Datter." The clear details, into of this term which the inquiry has established dended, into of this term which the inquiry has established dended, into of this term which the inquiry has established dended, into of this term which the inquiry has established dended, in the contract of the Property of the

The Countities recommended legislation to enable the Department to suffaquent the interests of inclusives, Since the publication of the Report the necessity for such begoldston has been certain misconceptions and misrepresentations of the cope of the proposed legislation. The Department, having considered the Report and received departments from various bedies interested, submitted to the Countil of Agricultures at their medium on the 10 purposed legislation. The Department, having considered the absent and received departments from various bedies interested, submitted to the Countil of Agricultures at their medium on the 10 purposed to the 10 purposed to the 10 purposed to 10 purposed t

section and was approved subject to some amendments. The Department subsequently received further deputations from bodies connected with the industry with a view to the introduction of the Bill into Parliament at the first suitable opportunity. The main lines of the Department's proposals are described in the preemble to the Druft Bill as follows:

"To promote the intensite of the Irish dairying industry by making provision for (I) the registration for ortain purpose of creaming and statilitary creameries; (3) referencing the dairying industry against loss or injury from the use of false trade descriptions; (3) securing cleaniness in milk supplied to creamerse, auxiliary covarieties, and other precision where milk or everted to be converted to the contraction of the contr

The Bill is drafted principally for the purpose of enhancing the reputation of Irish creamery butter on the markets by establishing confidence among merchants as to the genuineness of butter so described, by providing penalties and facilitating convictions in cases of misdescription of factory or other butters as Irish creamery butter, and by securing, as far as practicable, the purity of the milk supplied to Irish creameries. The terms "Creamery," "Auxiliary Creamery," and "Creamery Butter" are defined, and a clear distinction is set up between the creamery and the butter factory, and between creamery butter and factory butter, while a system of Governmental inspection of creameries is proposed solely for the purpose of securing that these distinctions are observed and that butter consisted from Irish creameries is properly described. The Bill, which is concerned with the interests of the industry and not with the public health, does not provide any regulations to be observed by milk suppliers and manufacturers of butter such as are required in the interests of the public health under the Dairies, Cowsheds, and Milkshops Order; but, as the Committee reported that the general interests of the industry are at present very injuriously affected by the culpable negligence of some suppliers of milk to creameries. and suppliers of butter to butter factories, the Bill proposes to make it an offence to supply milk or butter which is so dirty as to indicate culpable carelessness in its preparation.

The recommendations of the Committee which do not require legislation are receiving careful consideration.

The Department for some time have had under consideration the question of agricultural credit available for creation.

CREDIT.

CREDIT.

ADMINISTRATION OF A GREDIT CONTROL OF A GREDIT CREATION OF A

ments of the occupiers of land affected by the Land Acts in the western districts and throughout the country generally. The first part of the problem is concerned with the case of exiting agricultural credit societies formed on the Heidriesen principle. There are a present in Iraland about 200 of these societies, most of which have been organized by the Irish Agricultural Organization Society. In the year 1904, the Department, with the concurrence of the Agricultural Board, decided to sealed sometimes of the Agricultural Board, decided to sealed sometimes of the organization of the Agricultural Board, decided to sealed sometimes of the organization of the Inspartment, and the amount of the outstanding leasts is should be a sealed to the Agricultural Southern Sout

The other aspect of the problem of credit has reference to the new tenancies which are being created under the recent Land Acts, especially in the West. Large areas of grazing land are being purchased by the State and are being subdivided into suitable farms which are being allotted to men brought from uneconomic holdings. As a rule the new-comers have little, if any, capital and are sadly deficient in farming knowledge. The Department have provided teachers and overseers whose business it is to help the new occupiers and to give them instruction and advice necessary to work their farms with some success. But no general system has yet been devised whereby these men can obtain sufficient capital on favourable terms to enable them to stock and could their farms. The case of these men is not met by the existing agricultural credit societies, as the amounts of the loans needed are on a larger scale than the transactions of such societies. The Department feel that the problem, which is one of great complexity, should be dealt with in the first instance by means of a systematic and comprehensive inquiry; and they have under consideration the question of entrusting such an inquiry to a small departmental committee. Under the Development and Road Improvement Funds Act, 1909,

THE DAYLLOPHENY mendation of the Development Cammissans man bif9072s stoners appointed under the Act, to make MENS PURS ACT, 1900.

1900.

purposes:—

the Threatary are empowered, on the recommendation of the Development Cammissans of the Development Fund established by the Act either by way of ground or by way of loan for any of the following

(a) Midne and developing agriculture and raval industries by preporting situation reason; interactions and experiments in absciance, methods and practices of agriculture (seldeding to pratice of the control of the pretine of small holdings; and by the subpoint of any other means to provide the control of the preries of small holdings; and by the subpoint of any other means (b) Feverstry (linealing; (1) the conducting of inspirits, experiments and research for the purpose of promoting freetry and the tandtice of the control of the control of the pretined found after requiry to be untake for affectionalities (in the control of the pretined found after requiry to be untake for affectionalities (in the control of the (c) The reclamation and drainage of land;
(d) The general improvement of raral transport (including the making of light railways but not including the construction or improvement of roads);

(c) The construction and improvement of harbours;
(f) The construction and improvement of inland navigations;
(g) The development and improvement of fisheries;

(g) The development and improvement of fisheries; and for any other purpose calculated to promote the communic development of the United Kingdom.

The Department in July, 1910, submitted to the Development Commissioners, through the Treasury, an application for advances for (1) Forestry, (2) Fisheries, (8) Scientific Research to the purpose of agriculture, and (5) Horsbredding. In support of the suppose o

The Department have riswed with grave concern the continued decline of the flar-growing industry in Irrdepartmental land. As much difference of opinion crisis coolurates on as to the cases of the decline the Department of The IRRH PLATS decided to appoint a Departmental Commonwealth of the Committee to make a searching investigation into the whole question. The Committee

which was appointed in December, 1909, consists of the following members:—

Jone Revon Campuzz, Esq., B.C., Assistant Secretary in respect of Agriculture of the Department of Agriculture and Technical Instruction

Agreements of the Department of Agriculture and Technical Instruction for Iroland (Chairman), Biq., M.A. (Messrs, William Barbour and Sons, Hancea A. M. Barsour, Lisburn);

JAMES G. CRAWTONO, Esq. (York Street Flax Spinning Company, Limited, Belfast); John W. Sthwart, Esq. (Flax Grower and Scutch Mill Owner, Boginii, Coleraino);

JAMES STEWART, Esq., 1.P. (Flax Grower, Linkey, Strabane); DANIEL HENRY LANE, Enq., 1.P. (Member of the Board of Conservators

of Fibreis for the Cock Duttoot);

JAMES SCOTT (Gamos, Esq., n.sc. (Chief Agricultural Inspector of the Department of Agricultura and Technical Inservation for Ireland);

JOSEPS H. HEMMERIPS, Esq., ru.o. (Agricultural Inspector of the Department of Agriculture and Technical Inservation for Ireland).

The terms of reference to the Committee are:-

"To inquire into the present state of the flax-growing industry in Ireland and the causes which are contributing to the decline of that industry, and to submit recommendations."

The Committee have concluded their sittings for the taking of evidence, and are now engaged in framing their Report.

* Since this report was written the Leeds Communicates of His Majordy's Treasury, on the recommendation of the Development Commissioners, have stocklound for one year a giant of 210,000 for Hous-breaking in Ireland.

The Consultative Committee nominated in accordance with Section 48 of the Irish Land Act, 1909, for the

purpose of co-ordinating the work of the Department and of the Congested Districts CONSULTATIVE COMMITTEE FOR THE PURPOSE OF BOARD as regards Sea Fisheries beld their first meeting at the offices of the Department SEA FISHERIES. on 18th February, 1910.

The Committee at present consists of the following members:-RIGHT HON. T. W. RUSSELL, P.C., representing Mr. T. P. GILL, and the Department, MR. W. S. GREEN, C.B.,

MOST REV. DR. O'DONNELL, Bishop of Raphos; RIGHT HON. SIR DAYIO HARREL, P.C., K.G.B.; and Mn. W. L. MICKS, representing the Congreted Districts Board. The Committee made recommendations for co-ordinating the

work of the Department and of the Congested Districts Board in regard to the construction of marine works in congested areas, the maintenance of a joint engineering staff, marine police services and other matters. The recommendations made by the Committee were accepted by the Department and by the Congested Districts Board.

The Department have to record with pleasure that a valuable scheme of co-ordination between the Queen's University, Belfast, and the Belfast Municipal Technical Institute has with their appro-THE QUEEN'S UNIVERSITY AND

THE BELFAST TECHNICAL INSTITUTE.

val been agreed to by the Senate of the Queen's University and the Corporation of Belfast, acting through their Technical Instruction Committee. Under this scheme the Senate have recognised the Municipal Technical Institute as a College in which students of the University may pursue a course of study

qualifying for a degree or a diploma of the University, or a part of such course, in certain approved subjects. These subjects are: Mecbanical Engineering, Electrical Engineering, Chemical Technology, Textile Technology, Architecture and Naval Architecture. Other subjects may, by agreement between the Senate and the Belfast Technical Instruction Committee, subsequently be added, if that be found desirable. The classes at the Technical Institute to be attended by University students will be held in the day time. Students who desire that their attendance at the courses at the Institute should count towards graduation in the University are required to have matriculated at the University before entering on attendance at the courses. As to the distribution of time between the University and the Technical Institute (taking the Mechanical Engineering Course as an example) it is intended that students shall spend almost the whole of the first year at the University. They will attend at the Tucknool Institute for best on certified of the second year, each all rot to the local control of the second year, each all rot the noreasary examinations and compiled with the presented the secondary examinations and compiled with the presented constitute they will then be eighth of the degree of Behelston of constitute they will be the secondary of the control of the as regardle qualification for a diplema of the University, he stars as regardle qualification for a diplema of the University, and the end of concrete at the Technologic Lexitors will also be segree. The deep concrete at the Technologic Lexitors will also be segree. The deep concrete at the Technologic Lexitors will also be segree.

In order to facilitate co-operation between the Sunsta and the Technical Instruction Committee a special Arrivary Committee representative of both bodies, to be colled the Committee of Techrent and the Committee of Technical Instruction and the Committee of Techtures of the University and the Technical Instruction appears to this Committee for consideration and report. It has, happily, here tomagn practicable to complete this arrangement for happily, been found practicable to complete this arrangement for the Studies and of the Technical Instruction Committee to of the Studies and of the Technical Instruction Committee over the respective institutions under their charge. The agreement for co-ordination has, in the first instance, been made for present the construction of the Technical Instruction Committee of the Technical Instruction Committee of the Studies and the Part of the Studies of the Technical Instruction Committee over the respective their charge. The agreement of the Studies of the Technical Instruction Committee over the respective through the Technical Instruction Committee to the Technical Instruction of the Technical Instruction Committee to the Technical Instruction of the Technical Instruction Committee to the Technical Instruction of the Technical Instruction Committee to the Technical Instruction of the Technical Instruction Committee to the Technical Instruction of the Technical Instruction Committee to the Technical Instruction of the Technical Instruction Committee to the Technical Instruction of t

Reterence has already been made to the steps that have been taken towards co-ordination between the Queen's University, Belfast, and the Royal College of Science in Dublin (see page 12).

The Department have continued to act as a bureau of information with regard to the mineral and raw MARINIANA stateful resources of the country and to make inquiries and give advice through the agency may material resources (Geologist on many matters relating to these resources. A large number

of inquiries regarding the occurrance and utilisation of raw materials have been dealt with A. 4th excepted of persons interested in the burning of hime, deposits of limestone have been reported upon. The Department have supplied the services of an expert lime burner for a limited period to give instruction in the hurning of line. Some kins show here an extracted as a result of this procedure. The development of the mineral resources of the country by privile enterprise is steadily interesults.

The scheme for siding Village Libraries continues in operation, and small grants of books (intent to 428 in 30ANTS or BOOKS Value), dealing with subjects of agricultural 70 and technical instruction, have been made to VILLADE LIBRARIES. approved libraries in districts where the UNILADE LIBRARIES approved libraries in districts where the libraries would prove useful in connection with their schemes of agriculture and etchnical instruction.

PART II.—DETAILS OF THE DEPARTMENT'S OPERATIONS, 1909-10.

I .- AGRICULTURE.

The period covered by this section of the Report is the agricultural year ended 30th September, 1910.

The Diportunal's confinitions in sid of expositions under proved agricultural schemes administenced by county committees were made at the same rates as in previous years. In view, however, of the increasing demands on their funds, recultural the exheminal part to review the principle or which these contributions were based. It was, accordingly, defided, with the concurrence of the Agricultural Bosed, that the contribution of the considerable of the conlability of the considerability of the contribution of the county, taking into consideration valuation, population, rander of treeding slock, and was under coll all agricultural schemes which may come the operation after 90th. September, 1910, and will remain in fewer for a period of two years from the dates.

(a.) AGRICULTUBAL INSTRUCTION.

At the close of the year 1909-10 the Department's programme of agricultural education had been ten years in operation. The first Annual Report set forth at length the policy which had been agreed on as the most suitable for the opening years of the Department's work having regard to the stage of cincentional development which the country had then attained. The principal features of the procedure adopted were:—

(1.) The inauguration of a system of itinerant instruction calculated to bring the farming classes into touch with the latest advances in their industry, and, at the same time, to prepare the way for permanent institutions for agricultural education.

(2.) The provision of facilities for training young farmers to become itinerant instructors, and for supplying qualified taschers for agricultural schools when the time for their foundation would arrive.
(3.) The re-organization and development of the educational

(3.) The re-organization and development of an equication institutions—the Royal College of Science, the Albert Agricultural College and the Munster Institute—in existence at the establishment of the Department and transferred to their control. (4.) The postponement of the establishment of agricultural

(4.) The postponement of the essential state of the need for more detailed and extended instruction than could be given by itinerant lecturers.

At the outset schemes of itinerant instruction in agriculture, horticulture, poultry-keeping and butter-making were proposed 24

by the Department for adoption by comity committee of agriculture. These schemes were put into operation by the majority culture. These schemes were put into operation by the majority culture. These schemes were put into operation by the majority culture of the control of the

Instructors in Agriculture, 36

" , Rorticulture and Bee-Koeping, 36

" , Poultry-Keeping, 38

" Butter-Making, 38

Total, 188

The total shows an increase of ten as compared with the previous year.

Besides the instructors compleyed by county committees of agriculture under the schemes mentioned, there me swerrel agricultural overseers and assistant overseers employed directly by the physument to carry out the special schemes of agricultural development of the special schemes of agricultural devices of the second of t

agricultural overseers. Forty-three overseers and assistant overseers are now at work in these districts. The figures given on pages 85 to 48 under the head of each of the schemes of itinerant instruction show how the services of the

instructors are utilised by the farming community, and indicate the extent of their influence on the agricultural life of the country. Although the re-organization of the agricultural institutions taken over by the Department in the year 1900 was at once prooccided with and provision made for training instructors and teachers, it has not yet been found possible for these institutions to most fully the demand for qualified persons to take up the work of the various schemes. In the year, 1909-10, fifteen students completed their courses at the Royal College of Science, the Albert College, and the Munster Institute. All are now employed in connection with the Department's agricultural work, but several county committees had again to be disappointed in their expectation of obtaining instructors trained by the Department. The number of persons so trained who are employed by county committees or by the Department now amounts to one hundred and thirty-three.

While the operation of the schemes of itinerant instruction was being extended, advantage was taken of such opportunities as area for previding more intensive forms of instruction by seems of permanent institutions. Price to 1990.03, three owe agreement stations for the training of farm apprentices and the second of the properties of the second of t

At the class of 1900-10 there were in operation eleven agricultural schools for girls as compared with one at the beginning of the decade. No new school was opened during the year, but the residential accommodation at the Munster Institute and at five other schools was increased, and differentians studentwism in the buildings of the Ulster During School in order to provide additional places.

Internalists between titerarti instruction and agricultural schools come the agricultural classes which or subth direct schools come the agricultural classes which or subth direct schools come the agricultural classes in the mainter of these classes, which are highly made to the classes in the number of these classes, which are highly included to the classes of all ages from fifty one down to Efform or attraction. The third production of the classes which we have been considered to the contract of the classes which are being as do the winter agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instructor in agricultural classes to the work of the instruction of the contract of the work of the instruction of the contract of the

The training of teachers for employment under the Department's programme of agricultural education is the main function of the agricultural faculty of Benderic of the Royal College of Science. The course of the Royal College of Science.

extends over three years. A number of valuable scholarships are offered annually by the Department in connection with this course. Almost all the students in the agricultural faculty are holders of scholarships.

Egipt sindents who completed their training in June, 1900, and desirated the college diploms in agriculture move and desirated the college diploms in agriculture move appointments during the year 1900-10 in June 1900. The training training of substantial properties of the substantial properties of the substantial properties of the properties of the properties of substantiality invoiced by the Papertrunt and complete the control of substantiality in the properties of the prope

An examination for the award of scholarships in agriculture, college, was held in August, 1909, in accordance with the terms of the prospectus printed in the Appendices, page 183. Fifty-three candidates sat for the examination, and as a result eleven new scholarships in agriculture and one in horticulture were awarded. In addition, a student who obtained a scholarship in 1908 and resigned it in January, 1909, owing to ill-health, was readmitted as a first year student under a special arrangement as or creamery management reached the qualifying standard. Seventeen scholarships awarded in previous years-15 in agriculture, 1 in horticulture, and 1 in forestry-were renewed in full for the 1909-10 session.

The total number of students in the agricultural faculty at the close of the session in June, 1910, was:-

8

First year, Second year, Third year, 32

Six of the third year students passed their final examinations and were awarded the college diploma in agriculture. The 1909-10 session at the Albert Agricultural College was con-

ALBERT The fee for the college course was, for fariners' sons, £15, and for other students, £50. The entrance examination and the

were held in September and October, 1909, respectively, were attended by a total of sixty candidates. Of these thirty-five qualified for admission to the course. Both the number of candidates and the number of students admitted show a substantial increase as compared with the previous session. The programme of the entrance examination is given in the Appendices, page 185.

Five students of the college obtained scholarships in agriculture, tenable at the Royal College of Science, at the examination held in August, 1910.

The entrance examination for the horticultural school was held on the 27th August, 1909, and six candidates qualified for admisvion. The prospectus is printed in the Appendices, page 186. One student completed the course of training in September, 1910, and qualified for employment in connection with the Department's horticultural work. Twenty-eight men trained in the school are now so employed. From January, 1910, the students of this school were provided with furnished lodgings in a suitable building on the farm instead of having, as in previous years, to find lodging in the village of Glasnevin. As a result of the new arrangement a revised scale of maintenance allowances to the students As almost all the persons employed as instructors under the Department's scheme of instruction in horticulture and hesberging for 1908-10 were qualified to teach the latter subject, it was not found necessary during the post ware to held at the college a special course in bes-keeping as was done in previous years. Pervision was, however, made by which the Department's expert in hes-keeping visited several countries and gave practiced individual tuition to the local instructions.

The number of students at the college during the year was as follows:—

Agricultural Course, ... 36
Horticultural Course, ... Royal College of Science Students, ... 16

The agricultural courses at the Clonakity and at the Athenry agricultural stations during the session 1995AGRICULTURAL 10 were of a similar nature to those given in everyons. 1968-9. In the case of Ballyhaise agricul-

torul station, the section wise divided into two periods, the winter term and the number term. The winter memori on the distribution of the station of the station memory of the distribution of the station of the distribument of the distribution. The greater part of the winter memory of the distribution of the station who have attended satisfactorily at such classes are occupied who have attended satisfactorily at such classes are compared from the extraored call attended and the station of the station when the station of th

Eighten sindous pioned the course of instruction in creamery management which was conducted at Bullythesis agricultural station from Ostober, 1909, to March, 1910. All these students attended the examination in technical subjects as applied to creamery management held in March, 1910. Nine obtained a cordinate of having passed in all the subjects, and one of having passed in two subjects of this examination. The prospectus of the course will be found in the Appendices, page 1919.

One student was admitted as an approxime in choesemalting during the season—May to October, 1910, at Ballyhaise agricultural station. Brief details of the results of the choesemaking experiments at this station are given at page 70 of this Report. The system of granting bonuses not exceeding £10 to appren-

The system or graning courses not extend to the termination of their period of apprenticeship was continued during the 1904-1905 esseion. The amount of the bonus allowed in each case depended on the conduct of the apprentice and his attention to work throughout the session.

The total number of students, including paid apprentices, at

Athenry,		12
Ballyhaise,		39
Clonakilty,		30
	(Pod o	G1

The total attendance in the previous year was 75.

Fees preportionate to the valuation of the holdings of their penetis were paid by agricultural students at Ballyhaise and Clonakilty stations. Students who were not sons of farmers paid a fee of £20. No fee was charged at Atherry station. Students who entered for the summer term only at Ballyhaise station paid half the fee charged for the whole session. The fee for the cheesmaking ourse at Ballyhaise was £5, and for the creamery mansquent course, £10.

The percentage of agricultural students of each class at the three stations during the 1908-9 and 1909-10 sessions was as follows:—

Valuation of Parents' F	Valcation of Parents' Holdings.			
			1908-9.	1909-10
Under £20,			31	31
Between £20 and £40,			19	26
£40 and £60,	5		22	17
Over £100,			9	20
Not some of farmers, .			19	6
			100	100

The scheme of winter agricultural classes for 1909-10 was adopted by county committees of agriculture in twenty-six counties. Seventy classes CLASES AND were formed under the scheme, and eleven someons. hundred and sixty-six students were ad-

mitted. The schease was continued in all counties in which it had been in operation during the year 1968-9, with the exception of Kitlare, and was adopted for the first time in the following countries:—Colaway, Leitim, Limerick, Louth, Mayo, Queen is, and Recommon. As compared with the pervisor ver, there was an increase of twenty classes, and of almost three hundred students.

Several alterations were made in the scheme, as compared with its form in previous years. The more important of these alterations were, briefly:—

- The duration of the course was reduced from twenty to sixteen weeks.
- II.—The minimum daily duration of the class was reduced from five to four hours.
- III.—Subject to the Department's approval. country committees of agriculture were empowered to admit to the classes students of between fifteen and sixteen years of age if a sufficient number of students over the latter age was not forthcoming. It may be mentioned that very few applicants for admission were under sixteen
- IV.—Students resident within a radius of four statute miles of their class centre were not to be eligible for the award of travelling allowances. Three miles had been the distance in preceding years.

Thirty-one teachers of agricultural subjects were employed, seven of these having been specially engaged for the work. The remaining twenty-four teachers were county itinerant instructors in agriculture.

The following table indicates the extent to which agricultural classes have been availed of in each year since their inception:—

				Number of Classes.	Number Student
1902-3,				2	44
1903-4.		2		7	161
1904-5.				18	. 317
1905-6,				2.5	422
1906-7.				28	449
1907-8.				33	529
1208-9.				50	875
1969-10,				70	1,166

Particulars regarding the several classes in operation in the winter of 1909-16 are given in the following table:—

Corner.	Class Coutres.	Dar tion of Operso as Worlds.	Number of Days recedy on which Cans man	Number of Sta- Grots admitted.	Subjects other than
Anteim, .	. Larne,	17	2	23	Horticulture and Poultry-keeping.
	Ballinderry (Upper),	17	2	10	do.
Armagh,	. Whiteeress,	16	2	14	Horticulture and Veterinary Hygiene
	Newtownhamilton (advanced class),	16	2	15	do.
Carlow, .	. Borris,	16	2	11	Horticultum.
on.	Clonegal,	15	2	18	do
Clare, .	. Miltown Malbay, .	19	2	31	Veterinary Hygiens and Horticulture.
	Newm'ket-on-Fergus	19	2	14	do.
	Killabe,	20	2	20	do.
Cork, .	Ovens,	16	2	20	Horticulture.
	Conna,	15	2	24	do.
	Liacarroll,	16	2	24	do.
	Knocknagree,	15	2	20	do.
	Bollinhassig.	15	2	19	do
	Kilnsmartyre,	1.5	2	29	do.
	Firmount,	16	2	28	do.
	Kilmurry (South), .	16	2	14	do.
	Gorteon,	14	2	15	do.,
	Lagrold, .	15	2	17	do.
Down, .	Samtfield,	16	2	18	Voterinary Hygiene and Horticulture.
	Mayobridge, .	16	2	13	Horison)ture.
Fermanagh, .	(a) Brookshore,	10	2 .	11	Hortigalture.
	(a) Springfield, .	9	2	14	do.
Salway,	Athenry,	18	2 !	1.5	do.
	Tuam,	16	2	12	do
Kilkeony,	Kilkenny,	16	2	34	Veterinary Hygiene and Hostleulture.
	Mooneom,	16	2	27	do.
	Kilmsow,	16	2	31	do.
	Paulstown,	16	2	28	do.
	Glenmore,	16	2	20	do.
King's	(b) Bahnes,	4	2	7	Horticulture.
	Kilolonfert,	17	2	12	do.
Leitrim, .	Carriek-on-Shannon,	16	2	11	-
	Drumthambo,	17	2	29	
ámerick, ,	Bellingsery,	16	2	9	
	Athos,	15	2	8	_
	Kilmallock,	16	2	3	

 ⁽a) Classes discontinued from 17th and 18th January, respectively owing to illness of teacher.
 (b) Class discontinued from 4th December, owing to poor attendance.

COUNTY.	Cleas Centres.		Densities of Course in Works	Number of Days workly on which Class rask.	Number of Bindoth admitted.	Subjects other than Agnosture in Whole instruction was given.
Londonderry.	he Cross, . Limavedy .		16	2 2	11	storticulture.
	Ardagh .		15	2	11	do.
Longford,	Newtowncoshel.		16	2	17	do-
Louth,			16	2	15	do.
Louin, .	Dundalk.		16	2	13	do.
Мауо, .			16	2 (subse- quently	18	_
			10	3)	16	
	(c) Ballina,		16	2	21	
	Claremorris, .		10	(subte-		
	1			quantity 3)		
Menth	. Gartloney.		16	2	19	Horticulture do.
	Woodpole, .		14	2 0	12	do.
	Kildsikey, -		16	2 2	15	do.
	(d) Ardenth, .		9	2 2	11	do.
	Kilmressa, .		16	2	34	97.
Queen's	. Vicaratova, .		16	2	18	_
	Clonatice, .		15	2	6	Horticulture
Roscommon,	. Cranagh, -		18	2	93	do.
Sligo, .	. Gurteen,		18	- 6	18	do.
	Ballyrush,		16	2	19	do.
Tippersey, N.I.	R. Neasgh, .		13	1 2	25	do.
	Templemore,		16	2	13	do.
Tipperary, S.B	Tipperary, .		16	2	20	do.
Tyrone, .	. Doons,		18	2	. 11	Veterinary Hygian and Horticulture
	Fintone.		18	2	12	do.
	Newtownstews	zt, .	17	2	12	do.
Waterford.	Lisemore, .		15	2	10	Horticulture do
	(c) Dungsryan,		6	2	5	do.
Westmeath,	. (f) Moste, .		11	2	11	do.
	(g) Kilbeggan,		- 5	2	16	do.
Wexford,	. Castlebridge,		17	2 0	16	do.
	Gorey, .		16	2 2	24	do.
	Taglimon, .		16	2	24	0.04
Total.	, 70 classes				1166	

(c) Class discontinued from 24th January, owing to post attendence, (d) Class discontinued from 20th January, owing to post attendance, (c) Class discontinued from 20th January, owing to post attendance, (f) Class discontinued from 25th December, owing to post attendance, (f) Class discontinued from 25th January, owing to post attendance, (g) Class discontinued from 25th December, owing to post attendance. In addition to the foregoing, an agricultural class, on somewhat similar lines to those held under the winter classes scheme, was established in county Kerry, at Newtownsandes, near Listowel, and a course of eight weeks was given by the itinerant intructor in agricultural.

In connection with the scheme of winter agricultural classes, the county Wexford committee of agriculture effect, with the approval of the Department, three scholarships, of the value of £20 each, tenable at Clonaktily agricultural station. The scholarships were awarded on the results of an examination considered to the control of the

The committee of agriculture for county Kilkenny gave, on similar terms, one scholarship, of the value of £50, tenable at the Albert Agricultural College.

A course extending from the beginning of September to the end
of June was conducted by the Franciscan
MOUNT BELLEW Brothers at the Mountbellew college. AgriABRICULTURAL scittod. with, and practical training in farmwork on

the instruction. A special grant of £150 was made by the Obspartanent to the college authorities for the provision of modern farm anothinery and implements. The farm and classtic modern farm machinery and implements. The farm and classtic modern farm machinery and implements. The farm and classtic modern farm machinery and implements are supported by The prospects will be found in the Appendices, page 192.

The Department have acquired at Greenmount, near Muckamore, county Antrim, a large house and 260 acres AGRICULTURAL of Land suitable for the purposes of an agri-soulout FOB cultural school. The premises will be lessed NORTH-BAST US-8188. In the Antrin county council, and as soon as

house have been so to be admitted outsty content, and at look in the house have been completed, a school with residential accommenda-tion for about 25 students will be opened under the control of maintaining the school will be been by the joint fund for maintaining the school will be been by the joint fund for maintaining the school will be been by the joint fund for maintaining the school will be been by the joint fund for maintaining the school will be been by the joint fund for maintaining the school will be been by the joint fund for the control of the control of the control of the school.

Difficulties having arisen in connection with the proposal to establish a residential school or agricultural institute to serve the needs of countries Donogal, Londonderry and Tyrone jointly, it was decided to make a beginning by providing a

non-residential agricultural institute for county Tyrone only, on the understanding that the other two counties might participate later on if the institute was found to work satisfactorily. Strabene was selected as a suitable centre for the new institution, but it has not yet been possible to secure a suitable site in the neighbourhood of that town.

The teaching of the Department's programme of agricultural election for girls was continued at the AGRICULTURAL MURIET Institute, Cork, the Ulsier Disity School, Codets/own, and at mine scholes of rural domestic economy. The demand for admission to residential places at these schools continues to increase seedally.

During the year provision was made for the reception of thirtyone additional resident pupils at the following schools:—

Munster Institute 6 extra places.
Westport School of R.D.E. 5
Claremortis , 5 "
Swinford , 5 "
Clifden , 5 "

Arrangements are also being made for the provision during the coming year of twenty additional places for pupils at the Ulster Dairy School.

Four sessions were held at the Institute during the year, and were

attended by 204 pupils (including pupils
MUNSTER INSTITUTE, admitted to second, third, or fourth sessions).

At the end of the year there were 213 applicants awaiting their turn for admission. Six

extra places for resident pupils were provided during the year, so that filty-six pupils will in future be admitted to each session. The courses for the training of teachers for agricultural schools for girls and of county instructors in poality-keeping and buttermaking were continued during the year. Ten students passed

making were communications, including two instructors who attended supplementary courses in butter-making and in positry-leading respectively. Eight suddents of the Institute obtained employment in connection with the Department's work. The number of past suddents so employed now amount to fifty-two. Four sessions were held at this school during the year, at which

120 students attended. During the year 116

ULSTWN
DAURY SCHOOL,
COOKSTOWN.
TOWNSTOWN.
TOWNSTOWN.

120 students attended. During the year 116
applications were received, of which a large
proportion were from counties outside the
proportion were received, of which a large
proportion were from counties outside the
proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion were from the proportion

on the same lines as the Munster Institute,
with the exception that, for the present, finishing concess for instructors and teachers-in-training are held at Cork only. Students
of the Utster Dairy School who qualify for these courses are transferred to the Munster Institute.

Structural alterations and additions are being made to provide accommodation for twenty more pupils. Prospectuses of the Munster Institute, and of the Ulster Dairy School, will be found in the Appendices, pages 194-5.

These schools, nine in number, are under private management and are sided by grants from the Department schools of NURAL Lowerfact expenses of management, stairties of DOMESTIC ECONOMY. teachers, maintenance of resident pupils, and out of teaching equipment.

The instruction given at the several schools is intended for girls of the farming class who attend as day or resident pupils. The programme, as a rule, includes instruction in each of the following subjects:—

> Poultry-keeping. Cottage gardening, Household management. Cookery. Sewing. Laundry work.

There is an increasing demand for admission to residence at the schools, but the attendance, as day-pupils, of girls living in the locality of the schools is not in every case so satisfactory. Pupils of rural demestic economy schools who prove likely to

quantly for teacherships or instructorships are admitted to the Munster Institute with a view to completing their training. The following table shows the number of day and of resident pupils respectively admitted to these schools during the year 1999-10, and the totals for previous vers:—

Resident papils, Westport, Co. Mayo. 102 188 Swinford, Co. Mayo. . Portomas, Co. Galway, . Clifden, Co. Gebray. Loughghum, Co. Roseommou, 69 Bennda, Co. Shgo, Total, venr 1909-10 (9 schools) . 653 Total, year 1998-9 (9 subook), Year 1907-8 (8 ashools). 305 405 Year 1906-7 (5 schools), Year 1905-6 (3 schools), 40 268

The Department's scheme of instruction in agriculture (printed in the Appendices, page 227), was again put into operation by each county committee

somenic or into operation by each county committee or Into operation by each county committee or according to the county of the county committees of Cork, Tyrone and Wexford each employed two

The number of instructors employed each year under this scheme, since the establishment of the Department, may be observed from the following table:—

Year.	N	o. of Inst	ructors at w	ork.
1900-1.			3	
1901-2.			10	
1902-3.			10	
1908-4.			1.7	
1904-5.			21	
1905-6.			28	
1906-7.			30	
1907-8.			34	
1908-9,			36	
1000-0			36	

Dring the seton, from October to March, 886 between we delivered a 300 centre, as which close or 41,000 persons attended, giving an average of about 50 for each leterarize signate show a considerable decrease when compared with these for the years. But closes were compared with the contraction of the second o

Now, post-more courselves, was engaged for some weeks during the commer in judging under the Department's chosen for prints for cottage and small farms, in county other than that is which was employed an interactor. The proper control of the control course for the control of the control of the control of the way of the control of the in the Department's offices on the control of the control of the decision of the control o The Irish Land Act, 1909, extended the area scheduled as congested to include the whole of the counties SPECIAL WORK IN Donegal, Sligo, Leitrim, Roscommon, Mayo,

CONGESTED Galway and Kerry, six rural districts in DISTRICTS. county Clare and four rural districts in the western partient of occurty Cork. The Act also provided for the payment to the Department of a sum of £19,000 per annum for the purposes of agricultural development in the

districts scheduled as congested.

Thirteen additional assistant agricultural overseers were appointed at the beginning of 1910 and assigned for duty in connection with the overseers. Department's special schemes of agricul-

tural instruction mainly in the new congested districts, making a total of five agricultural overseers and thirtyeight assistant overseers at work during the year. These officers are located as follows:—

Co. Donegal.—One overseer and five assistants.

Counties Mayo, Sligo and Roscommon.—One overseer and
thirteen assistants.

Co. Leitrim.—One overseer and two assistants.
Counties Galway, Clare and Roscommon (Castleres District).—

One overseer and eleven assistants.

Counties Kerry and West Cork.—One overseer and seven ,

assistants.

Fourtien extra assistants were in addition employed temporarily during the spraying season to give instruction and demonstrations in the spraying of potatoes.

Special demonstration plots were established as follows on the lines adopted in previous years:--

DEMONSTRATION PLOYS IN CONCESTED

DISTRICTS.

	De	erripti	mo	f plot.			Quantity of med, don, supplied for each plot.	No. of plots.
							1 cwi.	1,872
Outs,								1.391
Barkey,								55
Wheat,								82
Bye.				-				14
Turnips	nad	Mancel					1 lb.	1,087
Grane.							12 lbs.	1.115
Artificia	Ma	oures.			- 1		i cut.	2,084
							10 owts.	118
Basic Sh							2 owin21 owin.	376
Poteto 8	nga Inama					- 1	6-12 boxes	
Garden.								806
CIMPORG	e egge	taoze,					7 varieties of	
							vegetables.	579
			To	ZAI,				9,579

48

The plots were located as follows:-

Donegal,		1,748
Mayo,		2,293
Sligo,		99
Rescommen,		412
Leitrim,	 	861
Galway,	 	1,528
Clare.	 	 841
Kerry,		1.414
Wort Corle		000

All soads, etc., required for these plots were supplied by the Department at prices representing approximately half the gross

The number of plots established in each year since the incertion of these schemes is as follows:-

1908,		8.28
1909,		8,84
1910,		9,57

As in previous years, the agricultural overseers were largely occupied during the summer in encouraging POTATO SPRAYING OCCUPIETS to spray their potato crops. The IN CONCESTED Department continued the arrangement for DISTRICTS. the supply for cash of hand-spraying machines to occupiers of small holdings in

districts where such articles are not readily procurable through local agencies at reasonable prices. The overseers again undertook the repair of spraying machines that were out of order, the necessary repair parts being supplied by the Department at cost price.

The following table shows the number of spraying machines sold and repaired by the oversoers and their assistants during 1910:-

1	listrict.	24	achines Sold.	Machines Repaired			
Co.	Donegal,		248	500			
31	Mayo,		508	290			
22	Sligo,		273	160			
21	Rescommen		127	86			
	Leitrim,		280	155			
12	Galway,		359	260			
12	Clare,		126	90			
	Kerry,		181	110			
11	West Cork,		65	50			
		Total,	2,112	1,701			

The operations in this connection during the past four seasons were as follows:--

Season.		Machines	9	Quantities of spraying materials sold.					
		Sold.	Sulphate of Copper.			Washang Soda.			repaired.
			20	6.	Q.	T. 27	C.	q.	1,382
1207,		1,259	61	11	2	36	13	1	1,382
1908,		1,364							
1909,		1,211	1	17	1	1	7	3	996
1910,		2,112		-					1,701
Tota	à	5,946	158	15	0	65	2	0	5,080

In 1910 the stocking of copper sulphate and washing soda by local traders was undertaken to such an extent that the necessity for the sale of these materials to small farmers by the Denartment was practically obviated.

Shortly before the close of the year under review a scheme for CONGESTED

providing veterinary dispensaries in congested districts (printed in the Appendices, page 250), was put into operation in twelve localities where the services of a qualified veterinary surgeon were not previously available. It is proposed to extend this scheme to other parts of the concested districts during the coming year.

Particulars of the schemes for encouraging improvement in the poultry-keeping industry in 1909-10, which was in operation in every county save Dublin, will be found in the Appendices,

page 232. Thirty-three instructors were employed, fourteen of whom were also engaged for portion of the year in connection with the scheme of instruction in butter-making. The scheme of tutorial and practical classes was adopted by

twenty-two county committees, viz.:—Armagh, Carlow, Cork, Donegal, Down, Galway, Kildare Kilkenny, King's, Londonderry, Longford, Louth, Meath, Monaghan, Queen's, Roscommon, Tip-perary N.R., Tipperary S.R., Waterford, Westmeath, Wexford and Wicklow. The instruction at these classes which covered a period of twelve months is essentially of a practical nature and includes discourses aided by demonstrations followed by practical and class work in which the pupils take part. Visits by the instructor to the poultry-runs of pupils and others in the district is also an important feature of the work. The nature of the instruction afforded at these classes and a list of the equipment required are set forth in detail in the scheme printed in the Appendices, page 238. During the period under review the instructors gave 588 lectures, at which there was an average attendance of 56 pupils. In addition, 1,522 classes were held with an average attendance of 11, and 10,198 visits were made to

ponitry-keepers.

The premiums for holders of egg distribution stations were the same as in last year, viz.:—25 for hems, or for hens and ducks, and 22 for Embden goese. In 1993-10, however, a station-holder was required to distribute at least 80 sittings of hen or of hen and ducks aggs. The premium for a turkey station was aggin.

nxed at £2.

It is gratifying to note the great extension of the poultry-keeping industry in Ireland which has resulted from the operation of this scheme.

The following table shows the progress of the work under this

Year.	Counties	No. of Meetings	No. of Classes	No. of Dated Stat	buting	Eggs Distri- buted.	No. of Turkey Stations.	No. of Grese Station
1000		held.	held.	Hens only.	Hens and Ducks.	Dozens.	Matsons.	Bearion
1900-1.	-	223	-	-	-	-	-	-
1900-1,	12	1.134		36	-	4,108		-
1901-2,	22	2,231	-	220	-	18,040		-
1902-4,	32	3,185		346	46	40,857	181	-
1904-5.	30	2,662	-	333	129	49,191	328	-
1905-6.	30	2,024	629	315	180	52,400	404	1 7
1106-7.	30	1,367	892	363	205	51,378	460	68
1997-8.	30	895	1,474	305	233	53,919	467	92
1906-9.	31	677	1,493	328	261	63,471	497	130
1909-10,		588	1,522	337	282	66,187	532	140

In the past year the Department arranged for the keeping of egg records by the holders of twenty-five schedel egg distribution stations. The Department supplied free of beings the iron nests and other requisites, and the station holders undertook to kop for a period of two years a continuous record of the number of eggs laid by each hen from a stipulated number of pure-bred birds. The following table contains particulars of the amounts paid by each county committee for premiums under the poultry scheme, 1909-10:—

	Consty			Hen., Do Stati	ak:	Sti	ioose stiens		Te Sta	rico tion	7.8.
				2	- d.	2	4	d.		_	
Antrim,				59	5 6			96+	45	- ô	
Armagh,				60	0 0	5	-		46		
Carlow,				34	6 3		8 0	0	16		
Cavan,					5 7		8 0	0	56		
Clare,				45	0 0		ned .		14	0	
Cork,				295	0 (4	71	- 6	
Donegal,				170	7 1		9 16	8	37	18	
Down,				126	3 9		_		49	-0	
Dublin,						No i	Belieer	in.			
Feemanagh				70	0 0)	_		21	18	
Galway,					8 8	1	1 3	4	50	16	
Kerry,				+133	0 6		0 6	0	26	10	
Kildare,				63	7 6		1 0	0	16	- 0	
Kilkenny,				85	0 0		0 6	0	41	12	
King's,				53	1 3		0 1	0	20	- 0	
estrim,				60	0 0			0	29	0	
emerick,			- 1	69	8 9		_		1.5	18	
condouders	у, -			70	0 0		200		16	0	
ongford.		- 1	- 0	46	0 0			0	24	ő	
outh .				78	8 9	î		ě	23	0	
dayo, .	4 4			247 1	3 9	12	10	0	29	12	
death.				100	0 0	16	0 0	0	49	14	
donschan.			- 0	7.5	0 0	16		0	40	.0	
bueen's,			- 1	39 1	5 0				12	6	
Roscommo	١, .			120	0 0	. 15		0	50	0	
lico.		- 1	- 1		0 0			ě	12	.0	
Innerary (N.R.)		- 0	89	3 9	. 11		0	29	10	
- 0	3.B.).	- 1		79	7 6	20		ŏ	25	8	
STORE.				75	0 0	16	.0	ě	50	0	
Vaterford.		- 1	- 0	75	0 0				15	16	
Vestmesta.				111	9 9	25	13	4	47	18	
Yexford.				96 1	7 6	16		ô	40	0	
Viaklow,				70	0 0	8	0	ő	12	0	
				-				4		-	_
Totals	, 1910,			3,026 1	9 3	273	16	8	1,048	14	
**	1909,			2,899 1	6	254	3	1	974	14	,
10	1908,			2,615 1	11	169	18	4	963	18	1

The regulations of the scheme of instruction in horticulture and bee-keeping are printed in the Appendices, HORTICULTURE AND DAGE 244.

With the exception of Dublin and Leitrim BEE-KEEPINO. the scheme was adopted by every county in 1910. The Tipperary (S.R.) county committee, however, madeprovision for instruction in horticulture only,

Of the thirty-six instructors employed during the year twentywere qualified to give instruction in horticulture and bekeeping, four were qualified in horticulture only, and three in bes-keeping only. In three counties separate instructors were employed for horticulture and for bes-keeping respective.

An instructor's duties under this scheme, although confined mishly to giving practical demonstrations in gardens, orbands, &c., in the planting, pruning, grateling, and spraying of trees, &c., include the delivery of feetures to a limited extent. During the year 330 such lectures were given at which there was an avenuegattendance of 47, and the number of visits and demonstrations at gardens, ordards and selected plots amounted to 25,559.

The number of demonstration plots established in 1910 in connection with this scheme was 286 as compared with 270 in 1969—the plot-holders evincing a keen interest in the cultivation of their plots. The Department hope that in future all such plots will be established orincipally on labourers' holdings.

As in previous years the committees again made provision for assisting farmers and others in procuring reliable forest and other trees. The Department inspected the stocks of the principal trish unservies, and furnished the several county committees with particulars of the classes of trees approved at each nursery. The committees them usually involved trees are provided to the nursery of the committees the result of the committees the committees when usually involved trees are considered to the committee of the classes of the test support of the instructors, and by this means the applicants were proceeded from having unusualisable trees supplied to them.

The following figures indicate the extent to which trees were distributed under the foregoing arrangement during the year ended 30th September, 1910:—

Apples,	 ***	29,731
Pears.		1,321
Plums.	 	 1,706
Damsons,		294
Cherries,		 86
Gooseberries		8.282
Currants.		5.848
Raspberries.		 3,219
Other fruits		2.344
Forest trees.		352,362
Other trees a		72,239

Statements have been received in respect of 82 counties from which it would appear that 461 cases of the disease PERVENTION of the local authorities in these counties and (IRELAND ACT, 1906, have received attention.

With the sanction of the respective county councils provision was made by twenty-nine county committees of

agriculture as under for the payment of compensation for bees, &c., compulsorily destroyed under the provisions of the Act.

County.			nt allocated fo mpensation.
ULSTER:			£
Antrim.			15
Armagh,			10
Cavan,			15
Donegal,			15
Down,			30
Fermanagh			10
Londonderr	у,		_
Monaghan,		100	10
Tyrone,			10
MUNSTER:			
Clare,			10
Cork,			20
Kerry,			5
Lamerick,			9
Tipperary,	N.R.,		10
Tipperary,	S.R.,		9
Waterford,			
LHINSYER:			
Carlow.			
Dublin.			
Kildare,			10
Kilkenny,			10
King's,			5
Longford.			4
Louth,			10
Meath,			20
Queen's,			5
Westmeath.			10
Wexford.			52
Wicklow,			10
Connachy:			
Galway,			20
Leitrim.			 5
Mayo,			10
Roscommon,			10
Sligo,			5
		Total,	£364

Payments in respect of compensation, amounting to £92 17s.2d., were recommended by eleven of the twenty-nine local authorities who made provision for this purpose as shown above. In the remaining eighteen counties no payments were recommended.

The scheme of instruction in butter-making was continued during The committees of twenty-six coun-1910. ties adopted the scheme and employed thirty-BUTTER-MAKING. three instructors. Of these instructors

fourteen were also engaged during portion of the year giving in-

struction in poultry-keeping.

The committees of the counties Antrim, Armagh, Dublin, Fermanagh, Limerick, Sligo and Tyrone did not put the scheme into operation during the year 1910.

In addition to making 7,703 visits to private dairies the instructors gave 128 lectures, and conducted 4,098 dairy classes in 305 centres where courses (extending from two to four weeks) were held with an average attendance of eight.

The following statement shows the number of counties in which instructors have been employed each year since the inception of the scheme:--

1900-1,		1
1901-2.		- 4
1902-3.		11
1903-4.		18
1904-5.		22
1905-6.		24
1906-7.		 24
1907-8.		 24
1908-9.	 	26
1909-10.		 26
1909-101		

A copy of the scheme will be found in the Appendices, page

The scheme of prizes for cottages and small farms (printed in the Appendices, page 223), was put into operation during 1910 in all counties with the PRIZES FOR exceptions of Antrim. Armagh, Carlow, Louth COTTAGES AND and Sligo. The adjudications were carried out SMALL PARMS.

by the instructors in agriculture, but no instructor noted in the district of which he had charge under the scheme of instruction in agriculture. Competition in the cottage section was confined to bona fide

cottagers, as defined by the county committee. Cottagers on whose holdings demonstration plots in connection with the scheme of instruction in horticulture were situated were ineligible to compote. Only bong fide farmers who reside on their farms and worked the farms themselves were eligible to compete in the small farm section.

The following table shows the number of administrative counties in which the scheme was in operation, the number and the total centered for competition each year, and the number and the total value of the prizes awarded during the past ten years:—

	You	e.	No. of Countles.	No. of Entrice.	No. of Prime Awarded.	Amount Expended in Prizes
1901, 1902, 1903, 1904, 1904, 1906, 1907, 1908, 1909,			 2 8 19 25 27 31 31 30 28	3,965 3,14 3,975 3,903 3,819 4,004 4,009	168 588 1,966 1,534 2,008 2,551 2,201 2,417 2,417 2,486	£ 309 1,046 1,072 2,837 3,476 4,035 4,287 4,179 4,796 4,470+

Accurate figures cannot be given.
 Estimated.

With a view to encouraging the application of scientific principles in the cultivation and general management paizes for farms situated in the counties of Cork and TILLAGE. Meath, the committees again offered prizes

points considered by the judges in making their awards were:

(1) efficiency of cultivation and judicious character of cropping,

(2) the number, condition and feeding of live stock, and (5) the
keeping of accounts, and general business methods.

The value of the prizes awarded, etc., since the initiation of the scheme, is set forth in the following table:---

	Coun	ty.		Year.	Value of Prizes offered.	No. of Entries received.	Amount expended in Prizes.
Corie,			{	1907 1908 1909 1910-	£ 468 468 441] 454]	124 210 187 126	£ 461 468 640
Meath,			3	1968 1969 1910	193 193 195	32 23 21	195 195 193

* No

During the year 1909-1910 a series of from 12 to 24 lectures on Pioners Lectures. veterinary hygiene was delivered in 15 counties.

During the year under review the Department granted beam containing to AGD 10 four accidents (three courses per accuracy manuscring to AGD 10 four accidents (three courses per accuracy and the course per accuracy and the course per accuracy and the course per accuracy and per accuracy and the course per accuracy and per accuracy and the course per accuracy and the

(b.) IMPROVEMENT OF LIVE STOCK.

The horse-hreeding scheme as adopted for 1910 (printed in the Appendices, page 2005), differed from the HORSE BREEDING. Directions year only in the following particular, vis.: that thoroughbred stallions were defined in Clause 10 of the sobeme as those

calculated to produce weight-carrying hunters and high-class harmos hores. The scheme was in operation in every county during 1910, save in Kildare and Sligo, in which no funds were alloaned for the purpose, and in county Tyrone, in which a special scheme was adopted.

The following table shows the number of stallions accepted—for registration—each year during the past ten years:—

Year		Thoroughbred.	Chydondale.	Shire.	Draught and Half-bred.	Total.
1901.	_	97	23	8	-	128
1902.		111	36	16	-	162
1903.		123	48	21	-	192
1904.	- 1	140	48	23	- 1	211
1905.		154	49	26	1 - 1	229
1906.		163	50	26		230
1997.	- 1	161	51	25	38	276
1908.		156	52	24	50	28.2
1959.		153	67	25	61	206
1910.	- 3	167	63	27	83	340

The extent of the assistance rendered by the Department in connection with the location of stallions during the past ten years was as under:—

YEAR.	The ou	ghbred	Clyd	sdale.	811	ire.	Draugh Half-	at and	To	tel.
	Loung	Subsi- dies.	Loans	Subsi- dies.	Loans.	Subsi- dics.	Loans.	Subsi-	Loans	Subsi- dies.
1901.	1	2							2	3
1902,	1	- 5	4	3	-	î	-	-	5	9
1903,	- 6	6	2	1	1		- 1	-	9	7
1904,	11	12	1	1	-	-	- 1	-	12	18
1905,	9	7	1	1	1	1	- 1	-	11	9
1905,	7	8	1	1	-			-	8	9
1907,	4	3	-			-	2	1	6	4
1903,	5	3	3	3	2	2	11	10	21	18
1909,	1.5	9	2	1	-	-	16	7	31	17
1910, .	8	5	1		1	-	16	16	26	21

Particulars of the scheme of loans for the purchase of stailions

will be found in the Appendices, page 217.

The selection of marcs for service by registered stallions was made by judges and velerinary surgeous appointed by the Department, and was carried out in accordance with the arrangements made by the country committees.

The following table shows in respect of each of the past ten years (1) the total number of local exhibitions held for the purpose, (2) the number of marce selected, (3) the amount allocated for nominations, and (4) the amount actually expended:—

	No. of	Nu	unber of N	ominati	ions of Ma	ges.		
Year.	Local Exhibi- tions of Marcs held.	To The- rough- bred Stal- lions.	To Clydes- date Stal- lions.	To Shire Stal- lions.	To Irish Draught and Half- bred Stal- lions		Amount olio- nated for Nomina- tions.	Amount ex- pended for Nomina- tions.
1901,							£	£
11901,	143	-1,102	328	114		1,544*	5,481	4,632
		1,580	528	235		2,343*	6,756	5,831
1903,	180	1,651	668	285	- 1	2,594*	6,933	6,234
1904,	210	2,010	761	273	- 1	3,044*	8.871	7,158
1905,	217	2,436	758	281		3,475*	8,687	8,122
1905,	227	2,624	743	241	- 1	3,603*	8.838	8,324
1907,	227	2,325	896	218	295	3,523+	8,497	8,004
1908,	227	2,257	762	214	545	3.778*	8,642	8,002
1909,	223	1,992	733	198	645	3.568*	7.841	7,490
1910,	219 .	1,832	760	220	653	3,4659	7,515	7,1701

Number setually paid for. † Estimated number to be paid for.
 Estimated amount to be paid.

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The special regulations for 1910 made by county committees in respect of the valuation of farmers eligible to exhibit mares

			Limits of	Valuation.		
Province and C	lounty.	Higher Va	dustion.	Lower Valuation.		
Province and C		Proportion of Nominations allocated.	Valuation £	Proportion of Nominations allocated.	Valuation g	
ULSTEE	٤.					
Antrim .			150	- 2	75	
Armogh			Unlimited	No Regu		
Cavan			50	No Regu	lations	
Va		. 5 1	159		40*	
Donegal, .		11 1	150	1		
Down,		1 1	75	1	60 50	
Fermanago,		- 1	100	1 1	40	
Londonderry.		- 1	Unlimited		30	
Monaghan, .		- 1	100	į.	30	
Tyrone, .		- Special	Sobemo			
MUNSTE	B.					
Clare		. Ł	200	1	50	
or t (W.B.,		1 1 1	150	2 . 1	30	
Cork, W.R.,			200	B = 3	50	
Kerry			100	No Regu	dations	
Limerick.			50	No Rego	intions	
Tipperary, N.R.		. 1	125	2	50	
Tippecary, S.R.		- 1	Unlimited	. 1	80	
Waterford, .		- 1	200	\$	75	
LEINSTE	R.					
Carlow.		. 1	150	1	50	
Dublin, .		. 1	300	t	100	
Kildare, .		No Sel			-	
Kilkenny, .			59	No Regu	(Intions	
King's		. 1	75	1 1	. 50	
Longford, .		. 1	300	1	50	
Louth,		. 1	Unlimited	1 1	50	
Month,		1 1	200	3		
Queen's,			40	No Regi	i sations	
Westmeath, .		. 1	100	3	51	
Wexford, .		+ +	Unlimated		50	
Wicklow, .		. 1	Unlimited	1	30	
CONNAUC	HT.					
Galway, .		. 1	300	. 1	. 30	
Leitrim, -		- 1	Unlimited		20	
Mayo,		. 1	30	1 1	15	
Roseommon, .		. 1	40	8	20	
Shigo,		, No Sei	h eme	-		

* Non-congreted districts.

† Congested districts

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The following table shows the extent to which the scheme was

Province and Cour	dy.	of Local Number		voterina	Number of Marce declared suitable by Judge and Veterinary Surgeon for free nominations.			
		Commit- tee.	tions.	"Se- lected."	"Ro- served."	TOTAL		
ULSTER.								
Antrim,		6	428	175	40	215		
Armagh,		3	94	28	12	4.3		
Cavan,		8	320	90	45	125		
Donegal,		11	275	126	23	149		
Down,		12	393	150	58	208		
Fermanagh,		- 6	146	50	19	69		
Londonderry, .		- 6	295	90	34	124		
Monaghan,		6	215	94	39	133		
Tyrone,			-					
Totals for Ulster, .		56	2,166	803	270	1,073		
MUNSTER.					_			
Clare,		7	671	200	51	251		
Cork, A		18	1,071	250	150	400		
Kerry,		8	508	175	45	220		
Limerick,		8	292	100	32	132		
Tippemry, N.R.,		- 4	483	140	42	182		
Tipperary, S.R., .		8	671	304	46	350		
Waterford,		6	276	100	38	158		
Totals for Manster,		59	3,937	1,269	404	1,673		
LEINSTER.								
Carlow,		4	122	30	25	56		
Dublin,		12	257	150	53	203		
Kildsre,		-		-		-		
Killomny,		8	289	105	38	143		
King's,		6	267	50	24	74		
Longford,		3	216	60	14	74		
Mosth,		3	166	52 108	22	74		
Gueen'n		8	187	65	23	131		
Westmeath,		8	312	100				
Wexford,		4	474	150	36 62	212		
Wicklow,		7	640.	140	53	193		
Totals for Leinster,		68	2,967	1.010	390	1,400		
CONNAUGHT.				_				
Galway,	.	2.1	655	200	48	248		
Leitrim,		7	227	60	51	111		
Mayo,		9 .	534	165	64	229		
Roseommon, ,		9 .	318	93	52	125		
itigo, .		-	-		-	-		
Cotals for Connaught,		36	1,734	518	195	713		

Of the 10.804 mares presented, 5,465, or 50.6 per cent., were passed by the judges as possessing sufficient merit to qualify for nominations, but of these the veterinary surgeons rejected 606

Over 72 per cent. of the nominations awarded were given to

mares 6 years of age and under.

With the following exceptions all the county committees fixed the value of the nomination fee at £2 for the season 1910, viz.: £3 for all breeds in county Dublin: £3 for thoroughbreds and £2 for Irish draughts and half-breds in county Longford; and £3 for thoroughbreds and £2 for all other breeds in counties Limerick The experimental scheme adopted by the Tyrone county com-

and Meath.

mittee in 1909 was continued on the same lines in 1910. The committee selected ten registered stallions standing for service in the county, viz.: two thoroughbreds, five clydesdales, one shire and two half-breds. A premium of £40 was offered for each of the thoroughbred sires in consideration of serving forty mares, and £30 for the other breeds for the service of forty-five mares each. The mares, which were the property of farmers in the county, each of whose valuation did not exceed £100 were not selected at special exhibitions nor subjected to the veterinary examination required under the Department's general scheme.

The service fee payable in the case of thoroughbred sires was £1 per mare and in all other cases 10/-. A total of 404 mares were served under this special scheme viz.: 62 by thoroughbred stallions and 342 by the others,

The amounts paid in 1910 to stallion owners were as follows:-

	-	0000
Part premium for one half-bred stallion,		18
Full premium for one half-bred stallion,		30
Full premimum for one shire stallion,		80
Full premiums for five clydesdale stallions,		150
Part premium for one thoroughbred stallion		22
Full premium for one thoroughbred stellion		40
		£

The following particulars as to the results of the service of 315 mares under this scheme in 1909 have been furnished by the county committee: 151 feels were produced (84 male and 67 female); in 97 cases no foals were obtained; and in the remaining 67 cases no information could be procured.

The following table indicates the extent to which the Department made special provision in 1910 for the congested areas hy placing stallions in remote districts, at a nominal service fee:—

C.	ount	r.		Breed of Sta	llior	3.	Place of Location
Donegal,				Half-bred,			Dungice.
Galway,				do., .			Arranmore Island.
Galway,				do-, .			Raker.
,				do., ,			CostoBo
Kerry,			- 1	* Weish Cob,			Glenger.
				6 do., .			Speem.
Leiterm,				Half-bred,			Mohill.
Mayo,				Thoroughbred.			Belmullet.
				Half-bred,			Belmullet.
				do			Ashill Sound.
				* Welsh Cob.		- 1	Clare Island.
				* do			Claremogris.

^{*} Formerly the property of the Congested Districts Board.

The experiment started by the Department in 1906 with the view to meeting a demand for half-lired sires was continued in 1910, and during that year the Department purchased forty-one outs. Of the costs parchased in 1906 and 1906, finiseen were considered suitable for stad purposes and were accordingly placed on the Department's register for 1910, ten were disposed of as goldings and three were relationed pending further inspection.

During the year under review the Department made provision asses, for the location of a number of stallion sates in poor districts in which donkeys are largely used and where there is a demand for the service of suitable area, and for this purpose fifty stallion assess were placed with the proper care and treatment of the animals while in ment for the proper care and treatment of the animals while in

their possession.

The asses were placed as follows:

County.	Dietriot in which Located.	County.	District in which Located.
Cavan, Cork,	Ballinsgh. Skibberen (two) Macroom.	Leitrim	Annaghmore. Mobili. Fonigh. Drumshambo. Drumsong.
Donegal, .	Arranmore Island Breckiess. Burtonport. France.	Mayo,	Ballinamore. Ballina. Westport.
Fermsnagh, . Galway, .	Irvinestown. Ballymasward. Woodlawn. Creaghwell.		Ballinlough. Killsin. Knook Kilkeily.
Kerry.	Abbey. Aughrene. Williamstown. Cabriclanial.	Rossommon,	Inishtork Island. Athlesgue. Athlene. Donamon.
acry, .	Musteragosha. Ballylungiord. Glencar. Valentis Island. Castlegregory. Lixnaw.	Silgo	Kilronsky. Ballydangse. Ballaghaderreen. Frenchpark. Ballydarnen. Collocney.
	Ballybeigue. Kennare. Tuosist. Ballinskelligs.		Costanty. Castlebaldwin.

The continued popularity of the cattle-breeding scheme is shown by the fact that it was again adopted of the county county committee of agriculture. A copy of the scheme is printed in the Appendices, page 211.

The amounts allocated for and actually expended upon premiums for bulls by county committees during each of the past three years were as follows:—

Near Amount Allocated. Amount Expended.

£	£
	11,886
	11.967
 13,302	12,250°
	13,410 13,287

In 1908 the value of the premium was £15 in the case of all pure-bred bulls, except those of the Kerry, Dexter and Galloway breeds, for which the premium was £10 each.

In 1909 and 1910, while the value of the premium for Kerry, Dexter, Galloway or Registered Dairy bulls was fixed at £10, county committees were given power to determine, between the limits of £10 and £15, the value of the premium for any one a more of the other recognised breeds. This discretion, as mentioned in the Annual Report for 1908-9, was conceised in 1908 by the committee for countile Bernangia and Londonderry by the committee for countile Bernangia and Londonderry agas was adopted, save in the following particular cases—in 1908. For bulls awarded possibilities for the first time in 1964 and 1908. Or bulls awarded possibilities for the first time in 1964 and possibilities and the conference of the first time in 1964 and the 1908 time, and in Longofort, £10 for bulls other than shortferms.

bits time, and in Longford, £10 for bulls other than shorthorns. The following table shows the number of leans granted in each of the past ten years for the purchase of bulls. (Particulars of the scheme are printed in the Appendices, page 218):—

Year,		gr	o. of Loans anted for the rehase of bulls
1901,			54
1902,			86
1903,			105
1904,	 		122
1905,	 		147
1906,			135
1907,			181
1908,			140
1909,			174
1910,			209

The courty committees much provision for the award in 1810 of \$11 premium, and allocated for this purpose sums assuming in the aggregate to £18,000 from the join fund. Of the \$12 builds were varied premium in 1800, 600 were eligible to consider when the control of the \$12 builds are varied premium in 1800, 600 were eligible to consider a way of the state of \$100 builds are stated to \$100 builds are stated in \$100 builds and \$100 builds are stated to \$100 builds are imposed or caminda as might be offered for premiums in 1800, and altogether 516 builds were imposed. Of these \$101 builds are stated to \$100 builds are stated are stated to \$100 builds are stated to \$100 builds are stated to

The following statement shows by provinces and counsite this distribution of permissin bulls in 1900. The province of Ultre procured 60 per cont. Leituder 80 per cent., Commangla 60, per cent., co

Province and County.	Number of Premiums provided by County Committee for 1910.	Number of Bulls continued from 1909.	awarded	Total Number of Buils approved for Premiums in 1910.
Urorna :				
Antrino.	59	21	35	56
Armagh.	30	15	15	30
	28	9	19	28
Donegal,	37	28	9	37
Down,	67	35	31	65
Fermanach	26	17	6	23
Londonderry, .	38	30	12	32 21
Monaghan,	22	9	12 35	51
Tyrone,	51	16	20	81
Totals for Ulster,	358	170	174	344
Mussena :	200	12	6	18
Clare,	65	42	13	55
Coek,	94	10	7	17
Kerry,	36	8	7	
Limerick, Tipperacy (N.R.),	17	10	2	17
Tipperary (8.B.),	14	7	. 2	34
Tipperary (8.B.). Waterlord.	7	2	5	7
	-	85	52	137
Totals for Munster,	183	- 00	- 94	101
Lancatus :	19		Α.	13
Carlow, Dablin.	15	12	3	15
Kildam.	21	12	8	20
Kilkenny,	31	17	13	50
King's	18	10	8	18
Longford.	9	8	1	9
Louih	14	10	4	14
Mosth,	33	19	111	30
Queen's,	16	12	4	16
Westmestin	30	19	111	30
Wextord, .	27	14	13	18
Wieldow,	18	12	6	18
Totals for Leinster,	245	153	£7	240
CONNAUGER:		24	6	500
Galway,	30	24	6	15
Leitrim,	15	19	5	24
Mayo,	91	11	8	19
Rescommon, Sligo	33	13	19	32
Totals for Company		76	64	120
Totals for Ireland		484	857	841

Table showing the ages and breeds of bulls selected for and awarded premiums under the scheme as administered by the county committees during each of the past ten years:—

			Agr	м.			Bee	eds.		Total No.
Yna	n.	Year- lings.	Two- year- olds.	Three- year- olds.	Four- year- olds.	Short-	Aber- dees Augus	Here- ford.	Other Breeds	of Bulls awarded Premiums.
1901.	_	200	160	-			-	-	-	
1902.	1	292	132			247	97	48	3	350
1903,					-	337	52	26	9	424
1102,		402	216	-	_	478	78	58	9	618
1904,		334	315	85	-	557	99	63	15	734
1965,		276	269	1.86	34	599	104	68	24	795
1906,		302	251	196	72	617	117	67	20	821
1907,		282	281	178	72	604	122	61	26	813
1908,		268	267	200	60	600	123	61	16	800
1909.		295	247	200	70	579	134	78	21	812
1910,		325	287	164	65	579	160			
		1 320	201	,00	- 60	278	100	75	27	841*

^{*} Number of premiums provisionally awarded.

The following table shows how the premiums were distributed among the breeds selected by the county committees to stand for premiums in 1910:—

County.	Short- born.	Aber- deen Anges.	Here- ford.	Red Lin- coln.	Gallo- way.	Kerry.	Regis- tored Dairy.	Totale
Ularre. Antrim, Armagh, Cavan, Denegal, Down, Fermangh, Leadonderry, Monsghan, Tyrone,	 46 29 20 22 59 14 28 21 41	2 1 5 12 7 8 1	= = = = = = = = = = = = = = = = = = = =		5 - 3 -		3 1	56 30 28 37 66 23 32 21 51
Totals for Ulster, MUSSYEE.	28)	45	3	-	8	-	8	344
Clare, Cock, Kerry, Limerick, Tipperary, N.B., Tipperary, S.R., Waterford,	 14 44 6 6 24 9 5	10 11 1 1 2 2				= 1	_ _ _ _	18 65 17 9 17 14
Youah for Munster,	96	31		1		1	- 3	137

55

The following table shows how the premiums were distributed among the breeds selected by the county committees to stand for appropriate in 1910 (continued):—

County.	Short- horn.	Abor- deen Angua	Hero- ford.	Red Lin- coln.	Gallo- way.	Keety.	Regis- tered Duiry	Totals
LEINEZES.								
Carlow, Dublin, Kildare, Kildare, Kildsen, King's, Lougford, Louth, Moath, Quoen's, Westroath, Westroath, Wesford, Wikilow,	7 6 16 27 13 2 9 19 10 6 25 8	5 3 - 2 3 3 3 3 3 2 2 10	- 6 4 - 2 4 4 2 8 3 33 23				11.1111111	13 15 20 30 18 9 14 30 16 30 27
Totals for Lemster, .	148	89	51			=	2	246
Consauder. Galway, Leitrism, Mayo, Boscommen, Sligo,	22 5 10 6 12	1 9 11 5	8 1 - 8 1		- 3 - 3	===		36 16 24 16 33
Totals for Connaught,	55	45	16	-	4	-	-	120
Totals for Ireland, .	579	160	75	1	19	1	13	841

The regulations as to ownership of cows and as to the number of cows to be served in order to qualify for payment of a premium, were the same as in 1909.

The following is a summary of the regulations for 1910 made by each county committee in regard to qualifications of cow-owners and amount of service fee:—

Province and Com	ty. Qualification of now owners as to valuation and service fee as fixed by County Committees.
University.	
Antries.	. £100. 1/- foe in all cases.
Armach.	120 for 1/- ice. Unlimited for 2/6 ice.
Cavan.	. £50. 1/- for in all cases.
Donegal, .	 5150. In Congreted Districts three-fourths of the prescribed number of cours to belong to farmer under £20 valuation. 16- fee in all course.
Down,	. £40 for 1/ fee. £75 for £/6 fee.
Fermanagh, .	
Londonderry, .	No limit, 1/- fee in all cases
Monaghan, .	. £40 for 1/- fee. £100 for 2/6 fee.
Tyrone,	 \$50 for 1/- fee. \$100 for 3/6 fee.
Muxerus.	
Ciaro,	. £75. 1/ fee in all cases.
Corsc,	. £150 in West Réding and £200 in Bast Riding. 1/- ter in all cases.
Kerry,	. £20 for 1/- fee. £100 for 2/6 fee.
Limerick,	. £30 for 1/- fee. Unlimited for 2/6 fee.
Tipoecury, N.R.,	. 130 for 1/- foa. 1100 for 2/6 fee.
Tippeesay, S.R.,	
Waterlord, .	. 200 for 1/- ioc. £150 for 2/6 foo.
LEISSTER.	
Carlow,	. £100 for 1/- fee. £200 for 2/6 fee.
Dublin,	
	. £75 for 1/- foc. £150 for 2/6 fro.
Killmany, .	. 850 for 1/- fcc. \$100 for 2/6 fcc.
King's.	
Longford, .	. £100. 1/- fee in all cases.
Mosth, .	- £50 for 1/- fee £100 for 2.00 fee
Quoon's, , ,	. £40 for 1/2 fee. £100 fee 270 fee.
Westmasth, .	£40 for 1/- for. £100 for 2/6 for £50 for 1/- for. £100 for 2/6 for.
	. \$100. 1/- for in all crass.
Wioklow,	. £150 for 1/- for

The cuttle-breding scheme, as administered through the committees of the counties containing congested area, was again supplemented by the Department period supplemented by the Department period supposed at the properties of the

£30. 1/-- fee in all osses

£30 for 1/- fee. Unlimited for 2/6 fee. £15. 1/- fee in all cases. £30. 1/- fee in all cases. £25. 1/- fee in all cases.

Galway, .

Leitrim, .

Sligo, .

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The following figures show the extent of the supplemental aid given by the Department in this manner during 1910:--

County.	No. of Special Premiums in 1910.	sold at reduced	vious years	Total.
Clare .	. 3	_	_	3
Coek,	. 11	6	6	19
Donegal, .	. 35	6	3	44
Galway, .	. 12	1.5	14	41
Kerry, .	. 33	2	6	41
Leitrim,	. 15			1.5
Mayo, .	. 19	10	13	42
Rescommon,	. 7	-	-	7
Totals,.	. 135	35	42	213

The figures for each year since 1904, when the Department's operations were first extended to congested districts, are given in the following table:—

Ys	AE.		Number of Special Premiums granted by the Depart- ment for Congested Districts.	Number of Bulls sold at reduced prices to residents in Congasted Districts.
1904.		-	8	_
1905,			33	_
1906.			51	25
1907.			81	30
1908,			95	31
1999.			106	27
1910,			135	35

Altogether a total of 1,053 bulls were standing in Ireland during the season 1910 in connection with the cattle-breeding schemes, viz.:—841 under county schemes and 212 under the special arrangements referred to in the above table.

The scheme for the improvement of dairy cattle by the selection and registration of dairy cows, issued by the beautiful cattle.

Baing cattle. been revised. Particulars thereof are printed in the Appendices, page 248.

In the following table the progress of the scheme during the years 1906-10 is set forth:---

YEAR.	No. of cown entered.	submitted to in-	solested	drawn after	No. rejec- ted on milk tests.	poned for further	No. soorp- ted for entry in register.
1906.	621	595	401	149	36	-	216
1907.	178	175	1.55	71	10	2	72
1908.	300	354	316*	140	28	31	117 (a.
1909.	839	809	6481			-	48 (b
1910.	585	671	4681		-	-	-

* Includes 174 Kerry cows.

† Includes 103 Kerry cows.

† Includes 103 Kerry cows.

(a) Includes 57 Kerry cows.

(b) Includes 4 Kerry cows.

The regulations of the scheme for encouraging improvement in swine breeding are printed in the Appenswine breeding, page 215. In 1910 the White Ulster breed was placed on an equality with all

other recognised breeds in the matter of the value of the premium.
During the past year the Department on behalf of persons of the person of t

Arrangements were again made for inspecting locally boars which were awarded pruniums for the first time in 1990, with the view to ascertaining their eligibility for premiums in 1910. Of the 135 inspected, 138 were passed as suitable, and of these 128 were awarded second year premiums.

The following is a summary of the operations of the scheme during the past ten years:—

Year.	County Com-	Money expended by County Com- mittees for Boar Premiums.	Number of Premiums awarded by County Committees.	of Special Premiums provided by Department	
	i	£			
1901, .	2,395	752	151		151
1902, .		726	154		154
1902.	2,530	879	181		181
1904	2,070	634	129	-	129
1905	1,740	840	205	10	215
1905	1,588	1.141	260	23	392
1907	1,618	1,171	287	51	338
1906, .	1,670	1,146	281	49	330
1900.	1,700	1,252	310	49	389
1910, .	1.694	1.466*	344*	80*	4244

Latimaceur

The number of premiums awarded by each county committee was as follows:--

County.	No. of First year pro- minns.	No. of Second year premi- ums.	Large White Yorks.	Large Bineles.	White Uhiter.	Total.
Utorga.						
Antrim, .	4	- 4	1479		8	8
Armsgb,	5	1	1 2	2		9
Cavan,	8	2	2 2	- 2	7 6	10
Donegal,	8	4	1	2		10
Down,	6	1	l î	_	1 4	5
Fermanagh,	6	2	1	-,	7	8
Londonderry, -	6	2 9	_		10	10
Monaghan,	8 7	6	- 2	-	11	13
Tyrone,	4					10
Totals for Ulater, .	56	23	9	- 5	65	79
MUNSUUM						
Cluze.	4	8	12		_	12
Cork.	11	9	20	-	1178	20
Keny,	9	3	12	-	-	12
Limerick,	2	3		-	-	- 5
Tipperary (N.B.),	9	1	10		-	10
Tipperary (S.R.),	1	3	4	-		4
Waterford,	_				_	
Totals for Munster, .	36	27	63	_	-	68
Louistur.		2	1 4			
Carlow,	1 1	2	3			3
Dublin,	3	4	5	- 1	1	7
Kriciace,	10	2	12	1 -		12
Kilkenny,	11	2	12	1	1 -	13
King's,	4	1	3	2		
Longford,	4	2	- 4	-	2	6
	3	1	3	1		4
Menth,	9	3	12	-	-	18
Westmenth.	6	4	7	3		10
Westerd,	13	T	16	3	1	20
Wieklow,	2	2	4	-	-	4
Totals for Leinster, .	68	32	85	11	4	100
CONNADSION						
Galway,	20	21	31	-	_	31
Leltrim,	3	3	2	4		27
Mayo,	12	15	26	1	1 =	19
Rescommon,	8	11	18	1	_	19
Sligo,	14		-	1-	_	
Totals for Commught,	57	4.5	95	- 6		102
Totals for Ireland.	217	127	253	22	69	344

The operations of county committees under this scheme in the congested counties were supplemented by the Department, who in 1910, arranged for the payment out of their own funds of pre-miums to eighty boars standing for service in the nine counties concerned.

Table showing the premiums awarded to boars in 1910 entirely from the Department's own funds:—

County.					No. of First year premiums value £5.	No. of Second year premiums value 13	Total.	
Clare,					2	-	3	
Coek.					3	847	3	
Donegal,					7	3	10	
Galway,					11	5	16	
Kerry,					9	7	16	
Leitrim.				- 1	3	1	4 .	
Mayo,					14	8 3	22	
Research	on.			- 6	3	2	5	
Sligo,					2	- 1	2	
	Tot	sås.			54	26	89	

The committees of counties Down and Tyrone again made provision for the location of rams in the sheepsness-magnized. breeding districts of these counties, and for runs respectively.

The following shows the number of rams distributed by the Department at reduced prices to residents in congested districts during the past six years:

No of Rams.

1905.				15	
1906,				79	
1907,				117	
1906,				96	
1909,				102	
1910.				98	

In accordance with the conditions under which grants were made by county committees to agricultural show societies, prizes for sheep were provided at all subsidised shows.

Particulars of the scheme of subsidies to shows will be found in the Appendices, page 220. The Destructs have had occasion from time to time a snowa. during the past few years to draw stension to many instances in which difficulty has been experienced in securing compliance with the regulations of this scheme. Statements of the inancial position

The following table shows the progress of the scheme since its inception: —

_		os granted to thows.	Skilled Labour Competitions (Ploughing Matches, etc.)		Local Competitions. (Poultry Trussing, Butter-making, etc.)		
	Number. Amount.		Number	Amount.	Number	Amount.	
		8 e. d.	-	S s. d.		E a. d.	
1901.	61	4.384 4 9	- 1		I I	-	
1902.	81	4,472 8 6	- 1	-			
1993.	121	6,233 1 11		-			
1904.	123	6,384 14 0			10	49 2 6	
1906.	126	6,395 16 6	- 1	100	56	106 10 10	
1906.	147	6.728 18 7	16	117 15 0	50	109 -8 5	
1907.	142	6,876 15 0	34	206 16 8	35	95 6 8	
1908.	152	6.697 8 8	47	243 0 0	4.5	99 14 1	
1909.	146	6,746 9 0	59	265 14 7	58	112 2 0	
1910,*	142	6,234 6 1	61	271 8 0	2	30 18 6	

In addition to the foregoing provision the Popertneam, in 1910, defraped from their rown flunds the cost prizes offered with their approach by explain above account of prizes offered with their approach by explain above accountry. Topperary (S.R.) and Tyrone in connection with classes for that prizes in grant tenture-maxing. The total amount paid for that represent the connection of the control of the contro

in county Wexford for the first time in 1908
was continued during the year under review.
The experiment was carried out under the supervision of the county committee, who

made all the necessary local arrangements.

The results of the field experiments conducted by itinerant instructors in agriculture during 1909 were FIELD EXPERIMENTS. published in the Department's Jouenal for January, 1910, and circulated in pamphlet

form among farmers in time for the sowing of last season's crops. These experiments were in continuouslin of the scheme adopted in 1902, and stightly modified in 1905, and extended and modified further in 1958 and 1959. Particulars of the scheme rangivers in experiment of the scheme rangivers in the scheme that the scheme that the scheme were undertaken in order to get the scheme that the scheme were undertaken in order to be the value of one wittegenous manures, and also of nitro-bacterino cultures as applied in the inoculation of the seed of certain legaminous crops.

The following table shows the number of experiments of each class undertaken in respect of each of the principal crops in the year 1909:--

Crop.				Manurial Experiments.	Variety of Seed Experiments	Other Tests.	Total.
Pointoes	2.	-		109	79	52	240
Turnips.				135	32	-	167
Mangele			- 1	74	20		94
Oats,				42	22	Ξ	64 20
Wheat,				1	19		20
Hay,				21	- 1		23
Others,	÷			29	28	1.2	69
				411	200	64	675

During the season 1910, further slight modifications were introduced into the scheme. In all, 671 experiments and 2,036 demonstrations were laid down. Reports on the 1910 experiments are being prepared for publication. Special large scale experiments in the growing of wheat and

Spring things seems experiments in a glowing 1910 in certain counties, in addition to the experiments carried out by the instructors. Particulars of these will be found below.

 for test purposes on three farms, and trials of seed obtained from selected flax plants of home-grown crops were continued. The results of these experiments are now available for publication in the Department's JOURAL and for issue in leaflet form.

For the information of flax growers, and their guidance in the purchase of seed, a leaflet was issued early in 1910 embodying the information collected by the Department as to the 1909 harvest of flax-seed for sowing purposes in Holland and Russia.

The report of a deputation of flax growers and instructors, sent by the Department to the flax-growing districts of Holland and Belgium in July, 1909, has been published in the Department's JOHENAL.

Grants, equivalent to half the salaries of approved managers, were made by the Department during the seatching season, 199910, to two co-porative fax societies. A third seedey to which a similar grant had been paid for the two previous years did not work a south-will in 1990-10. Two other south-we describe work is south-will in 1990-10. Two other south-we did not their operations without financial assistance from the Department but the services of the Department's experts were given to these

as well as to the two first-mentioned accidence.

The employment of the whole-time instructor, appointed in 1908 to assist flars, growers in county Ont, was continued. Assistance was also given to the two souther mill owners there to enable them to employ Uliser southers, who treated local hands. The growers again received more satisfactory returns from their crops and this resulted in a further increased acreage in that county.

The constitute for causities Down and Fernansigh slopes Section Act the Department's change for improvement with a Section Act the Department's change for improvement with the Bar-goving industry, and offend prime to constitute a Countie Section B. and Consolversery, Monagon, and Tyrons adopted Section B. of the scheme, and offend primed value of the prime section B. of the scheme, and offend primed value of the prime section and the scheme of the Counties of the Counties of the section of the Counties of the Counties of the Counties of the scheme of the Counties of the Tay No. 2007. The Counties of the Counties of

The Vice-President of the Department, in Detailed, 1998, appointed a committee "in inquire into the president for fax-growing industry in Treband, and the causes which the fax-growing industry in Treband, and the causes which the commendations." During the period under revolven committee bell as number of public sittings for the reception of oral evidence, and it is expected that they will be in a position to report early in 1931.

The experiments relating to early points growing were continued in 1910 in contains Waterford and Werford.

RABLY POTATO* The erope seeped injury from late spring frosts, and digging commenced early frosts, and digging commenced early but prices were only moderate.

The growers in three districts, viz., Youghal (Cork), Kilmore (Wexford), and Dungarvan (Waterford), have now formed societies to assist the members in all matters concerning the production and disposal of the crop.

A report of the experiments will be published in the Department's JOURNAL.

The experiments in barley growing carried out up to the end of some 1908 have definitely established the BARKEY OROWING. position of Archer and Goldthorpe as the best

bestly spreading of the state o

In 1910 the experiments were confusted in counties Carlow, Cork, Kidara, Kilkenny, Lorth and Wexford, and as a result of these experiments, viewed concurrently with these obtained from 1000 to 1909, Inchasive, it has been definitely ascendanced that there is no significant difference either in yield or in quality later in the significant difference either in yield or in quality later variety shows no destination as a result nature, that the later variety shows no destination as a result of being grown in this country for a number of years.

in 1935 who continued ouring 1910 on the lines originally list down. The continuation of the supply of purs seed of the most suitable varieties has been ensured by furtire refections and the produce from the some has been increased in garden man field produce from the some has been increased in garden on an field seed as it is missed, extension plots were sown in Cork, Kilkenny, Louth and Typerray with the produce of the field plots grown at Baltimacurra in 1906. The produce of the extension plots was willed for easy time Moscan, Didinness or local unattices to be

In addition to the propagation of pure saed, of tested varieties, selection of plants which show desirable modifications are made annually and sown in the nursery at the Albert Agricultural College, Clausevin. If the desirable modifications are appeared in the produce, it is further propagated until a sufficiently large bulk is obtained with which to undertake quantilative field trinks. A detailed report of the results of the experiments conducted in 1910 is in course of meanardist.

Small is discreptionable of the underlying and the state of an area with the following varieties: —First Archer, Denish Archer (element), 1900; and Danish Archer (imported in 1910), were also undortables in 1910 by titerarun instructors in agriculture at 16 control in the following connisis:—Carlow, Carl, Galway, Kerry, Porary S.R., and Woodford.

The scheme of wheat experiments which commenced in 1908 was formulated to ascertain by means of field experiments the best varieties of wheat to collivate, having regard to both the milling

solute of the grain and the return per son to the grower. The following varieties were sown in 1988 and 1990:—Bed Fire, White Queen, White Stand-up and Square Head Master. Of these Square Head Master and White Stand-up have proved the most prolific but deticent in milling quality, while When Geens showed an infertor yield and one very live quality. Fife has given what, in comparison of the control of the period period of the production of the produced grain of undoubtedly help, milling value.

In 1910, as the Square Head Master produced grain of so poor a quality, it was replaced by Red Chaff White, and the experiments were continued in the following counties:—Carlow, Cork,

Dublin, and Kildare.

Members of the Irish Millers' Association purchased the produce of the several plots and have kindly undertaken to mill each lot separately. As in 1968 and 1969 arrangements will be made to have the flours so produced tested by bakers in Dublin.

to have one neutrs so produced tessee by season of Demonstration.

The cultivation of pure seeds of the varieties under experiment has advanced another stage, and it is hoped that by the end of next year sufficient seed will be available for experimental purposes and also to sow extension plots.

The produce of the milling plot of 1900 was milled towards the nor of not syr, and the firms who most cook in sort have kindly termished the Department with a seport on the milling value of the four varieties. These reports substantisement Head 1900, the statistic is position as the least valuable milling variety. The leasting trials which were kindly carried out by these Deblin balance companies gave in placing flow Frie in which the belief and the statistic is the statistic than the statistic of the statistic than the balance companies gave in placing flow Frie in which the belief and the statistic of the other two varieties.

A detailed report of the results of the field experiments with wheat in 1910 is in course of preparation.

Tests of varieties of seed were also carried out on plots of from

Tests of varieties of sequived also destribed over the proone-eighth to one-fourth acre by the titinerant instructors in agriculture at 26 centres in the following countries:—Carlow, Cork, Down, Galway, Kildare, Londonderry, Mayo, Meath, Roscommon, Tipperary S.R., Tyrone, Waterford and Westmeath.

In addition to the varieties mentioned above Carter's Red Standup, Browick's Grey Chaff and Garton's Red King were included in some of these experiments.

The propagation of pure cultures of oats was commenced in the nursery at the Albert Agricultural College, Glassevin, in 1968. The produce of these at Ballinacuras in 1969, from which seed was reliable plots as the constitution was sufficient to see gradual picts so we find plots at Clonakitly in 1910. The produce of the latter plots has been reserved for seed purposes in 1910.

Further selections were made early in 1999 from the plants raised during the previous year, and were sown in the mirrary in the spring of that year. The produce obtained therefrom frome the seef for the garden plots at Ballimearum in 1910, and the sast thus obtained have been reserved to be sown in field plots in 1911. The grain obtained from the single plants sown at the same plant in 1910, while from the seef for the garden plots in 1917; while further decidence will be sown in the names of the same flow.

As mentioned in last year's Report, the agreements with farmers at seven of the nine centres at which the PRULIT AS A PARM cultivation of fruit on an extensive scale was Chor. promoted by the Department, terminated on

the 31st December, 1908. The agreements in respect of the remaining two centres terminated on the 31st December, 1909. Under these agreements, 175 acres in all have been planted with fruit trees, viz., 40 scres at Piltown, in county Kilkenny (comprising two centres), 15 acres at Clonakilty, in county Cork, and 20 acres at each of the following places:-Broadway in county Wexford, Dungarvan in county Waterford, Naas in county Kildare, Moneymore in county Londonderry, Monntbellew in county Galway, and Newmarket-on-Fergus in county Clare. A considerable additional acrease has already been planted in the neighbourhoods of Piltown, Broadway and Moneymore. Until, however, the trees on the experimental plots are sufficiently advanced to give their normal yield of fruit, definite conclusions cannot be drawn as to the profits to be derived by farmers in any of these districts from the cultivation of fruit as compared with other farm crops. The Department continue to afford technical advice and assistance by means of resident horticulturists in the case of the following centres:-Piltown, Broadway, Dungarvan, Mountbellew, Newmarket-on-Fergus,

The experiments in the growing of tohacco on commercial lines, begun in the year 1904, were continued durtonacco growing. ing the senson of 1910. The maximum area

allowed for those experiments, in respect of which a grant at the rate of £50 per nor is allowed to the growers, is 100 acress. Two growers who had been cropping, respectively, quicked their experiments. Two other experiments cropped, respectively, eighteen acres and three acres under ordinary license, in addition to belor unitority deprimental areas. No the control of the control of the control of the control of the results obstanced will be included with those from the experimental areas proper.

In order to test the suitability of tobacco as a crop for small forms, a special "Rehamdling Scheme" was put into operation during 1910. The object of this scheme is to ascertain whether small holders who do not employ timed labour for working their farms would be disposed to grow the crop for the sake of the employment which it would afford to themselves and their families.

Such persons would not be in a position to undertake heavy capital expenditure for the provision of equipment for finishing the tobacco. The scheme, therefore, provides that the tobacco grown by the small holders taking part in the experiment shall be purchased, as soon as sufficiently cured to bear removal, by growers engaged in the old series of large scale experiments who aiready have the barns and appliances necessary for the finishing of the crop. The experimenters who buy and re-handle the small farmers' crops are allowed a grant in respect of tobacco rehandled at the rate of £25 per scre, on condition that they afford the small growers all necessary instructions, and provide them. with such curing equipment as is required. The re-handlers agree to undertake all responsibility towards the small growers in connection with the crop, and to furnish all information required by the Department as to the financial and other results of the experiments. The maximum area allowed to each small grower is one agre. It is, of course, essential that the small holdings where tobacco is grown under the scheme should lie within easy reach of the re-handling centre. The scheme was put into operation at three centres. Seven small farmers participated and cropped a total area of 48 acres.

In view of the increasing demand for tobacco for the manufacture of nicotine for insecticides, an experiment on the growing of the crop solely for this purpose was authorised to the extent of one agre at one centre. Two roods were corpored with Nicotiana to the control of the control of the control of the control considered librity to prove richest in nicotine. The result of this experiment is not yet available.

The Department's tobacoo expert gave assistance as required to the growers at the several centres, and his time was constantly compiled with the supervision of the work. The area cropped at each experimental centre was as follows:—

Co. Meath.	Randalstown.	Large Scale	Experiment,		28
Do.	do.	Rehandling	do.		8
Do.	do.	Nicotine	do.		1
Do.	Athlumney,	Large Scale	do.		10
Co. Louth.	Smarmore,	do.	do.		18
Do.	do.	Rehandling	do.		1
King's Co.,	Mullagh and Mullacrew.	Large Scale	do.	٠	14
Co. Kilkenny.		do.	do.		7
Co. Wexford.	Tagont.	do.	do.		18
Co. Tipperary,	Cordangan,	do.	do.		10
Co. Limerick,	Adare.	do.	do.		22
Do.	do.	Rehandling	do.		17
			Total,		1223

Pipe varieties were planted on 83\frac{3}{4} acres; cigarette varieties on 25\frac{1}{4} acres; cigar varieties on 81 acres, and varieties for nicotine production on one acre.

So far as the Department are aware, only two persons, other than recognised experimenters, grew tobacco under ordinary licences in 1910. The total area covered by these licences was

only 2 acre.

The season of 1910 was, on the whole, a fairly average one for tobacco. The earlier and later parts of the season were distinctly favourable, but the mid-season was cold and very wet. The quality of all tobaccos that were harvested early suffered from the continuous rain which fell in August. The crop is being finished for market and final weights have not yet been taken. The acreage yield is estimated to be similar to that of the preceding year, that is about 900 lbs. of cured leaf per statute acre.

The greater part of the 1909 crop was sold to manufacturers during 1910. The average price obtained was 51d, per lb., as compared with 51d. obtained in the previous year for the 1908 crop. The prices ranged from 41d, to 71d, for pipe varieties: from 2d. to 7d. for eigarette varieties, and from 6d. to 1s. 3d. for eigar varieties. As in the previous year, the price obtained for the several varieties was enhanced by about 1d., as compared with imported varieties, owing to the fact that the Excise duty on Irishgrown tobacco is 2d, per lb. less than the duty on imported leaf. The reports of the manufacturers who purchased the 1908 crop

were similar to those made on the 1907 crop. The tobacco proved useful for blending in pipe and cigarette mixtures, and for working up into roll and plug. In some cases Irish-grown tobaccos alone were used with successful results.

A further report on the results of the experimental work down

to the end of the season of 1909 was published in the issue of the Department's Journal for January, 1910.

At the beginning of the period under review six apprentices were in training at the Department's poultry station, Avondale, Rathdrum, county Wicklow. One apprentice who had already been at the station and had been temporarily absent, re-entered in November, 1909. Three of these seven

apprentices left without completing their course; one qualified for the post of poultry fattener, and three are at present undergoing the second year's course of training at the station. As the result of an examination for apprenticeships in poultry

fattening, held on the 25th January, 1910, which was attended

by twelve applicants, two candidates were admitted to Avondale There were five apprentices in training at the end of September, 1910. During the year three county instructors in poultry-keeping attended supplementary courses in the fattening. trussing, etc., of fowl, the grading of eggs, etc.

Although there has been a steady improvement in the grading and packing of eggs, there is still much cause MARKETING OF for complaint in regard to the very musatisfactory methods followed by careless packers, Exception is also taken by many British buyers to the practice common amongst Irish producers of "holding over "eggs in anticipation of a rise in prices. This is especially common amongst farmers when busy with the harvest, at which period prices generally commence to rise. Some shippers also at times adopt the same practice. A stop could easily be part to this practice by united action on the part of shippers. This would involve the formation of district associations of egg shippers for every part of this country, which is much to be desired.

The Department are glad to observe that many northern shippers have recently adopted the system of purchasing eggs by weight, a practice which has always been strongly advocated by the

Department.

This trade is, on the whole, fairly satisfactory. The chief faults met with are the failure to maintain conmous supplies during late winter and spring, and the regrettable tendency of producers to market their produce before it.

is properly finished.

The formation of the Ulster Fruit Grovers' Association, which includes the leading northern fruit growers, with the heading northern fruit growers, in FRUIT.

MARKETING OF WILLIAM TO Association have adopted standard barrels, boxes, and grading conditions

for apples, all of which have been accepted by the trade as satisfactory. The adoption by the Association of the Canadian system of barrel-packing has met with much success.

system of barrel-packing has met with much success.

The Department have endeavoured, with beneficial results, to

The dispersance is head-herror, for which fruit there has been as exceptional denand, one to 6th . long and 112 lb. kels, in 1 let of the large sasks cosmosity unlined. Several British just sware and the large sasks cosmosity unlined. Several British just sware the same state of the large sasks cosmosity unlined. Several British just sware belief to the same large packages. There has been a privity described in the smaller packages. There has been a privity described in the smaller packages. There has been a privity described by the same state of the same state of

There is a considerable demand in England for bilberries, which, although growing pentitully in Ireland, are gathered only to a small extent. Irish bilberries shipped in good condition have realized a penny ser pound more on British markets than bilberries imported from the Continent. The Department are endeavouring to encourage the marketing of this fruit.

There is little doubt that the trade in Irish wild fruits is capable of enormous development, and that much money might be distributed in paying for the collection of wild fruit which, owing largely to apathy, is left ungathered.

The tendency in the marketing of all fruits is towards the use of non-returable packages.

The following is a summary of the results obtained at Ballyhaise agricultural station for the season CHRESE-MAKING 1909:--

Milk miade into cheese. 18,412 gallons. 18,672 lh. Ripe cheese sold.

Shrinkage in ripening.

11.8 per cent, £440 12s. 0d. Net value of cheese. 6.34d, per lb. 5.74d. per gallon.

Net value of milk.

In 1908 the net value of milk converted into cheese was 5.97d. per gallon, while in 1909 it realised only 5.74d, per gallon. This slight difference in value is due to lower prices realised for cheese. As in 1908 the whey was fed to pigs, but owing to the prevailing high price during 1909 for store pigs the value of the whey was only equal to 15s. per cow, whereas in 1908 it was valued at £1 per

There was a fairly good demand for cheese early in the season, but during the spring months the demand was dull and prices

The prices ranged from 58s, per cwt. for spring cheese to 65s. per cwt. for summer cheese sold in spring of 1910. About half the total quantity of cheese was sold in Glasgow and the remainder in Ireland

Arrangements were made in 1908 to carry out further experiments on "all the year round" dairying during WINTER DAIRYING. 1909-10 on one farm in each of the counties Tyrone and Cork, and also at the Munster

Institute, Cork. The experiments which are being conducted on similar lines to those of previous experiments in counties Cork and Down, were started in November, 1909. At each farm five winter calving experiments which will not terminate until spring, 1911, when the spring calves of 1910 will be one year old. As in previous

experiments the daily milk yield of the cows, the quantities and It is hoped that reports on the results of the experiments will be published when the records have been completed.

An exhaustive series of dairying experiments has been carried out each year since 1906 at the agricultural station, Clonakilty. The objects of these experiments heling (a) to ascertain the cost per gallon of producing milk in winter, and (b) to determine if

winter dairying would pay in the south 'f Ireland.

The results of these experiments, which are still in progress, will be published in due course in the Department's Journal. See also page 78.

Visits of Instructors in Dairying to Creameries.

The number of connecties and auxiliary ornameries participating in this scheme has gradually increased and improvement of the present amounts to 381, or, roughly specific term and the present amounts to 381, or, roughly specific term and the present amounts to 381, or, roughly specific term and the present amounts to 381, or, roughly specific term and the present term and term and the present term and the

the Department publish at intervals a list of those creameries and auxiliary oreameries visited by the Department's instructors, which, up to the date of publication, have satisfied the Department in regard to their good condition and management. The following table gives the number of creameries and auxil-

lary creameries visited by the instructors during the year, and the number included in the published Lists:—

		of places Instructors crying.	made ko	of weeks the In-	Inhel in accordi	Sebotte.	Junt 5 of
Popios Int October, 1909, 50 Solta Boptember, 1910.	Creamaries	Augustary Constantin	Consequentles	Assubstry Crease tres	Date of ince	No. of Covariation on List.	No. of Antifikry Creations on List.
	364	297	897	910	le Jan , 1910, let Agril, 1910, lith July, 1980,	83 87 91	109 115 111

2. Surprise Butter Competitions.

When creameries are included in the list referred to in the previous paragraph they are estilled to take part in the samples hatter competition of the constitute an important feature of the indirect of the constitute an important feature of the previous section of the constitute and important feature of the prevent at each competition, the Department paying their travelling expenses. They are thus afforded an opportunity, after the adjadication has been completed, of conferring with the judges and with the Department's experis and of examining the exhibits. The following table shows the number of competitions held during the year ended 30th September, 1910:—

			Number	P	ber of icos rded.
Telegrams Issued.	Exhibits Judged.		of Exhibits	First Class £2	Second Chas £1
27th September, 1909,	6th October, 1909.		74	2	6
29th September, 1909,	6th Getober, 1909,		75	3	6
25th October, 1909,	. 3rd November, 1909,		66	1	1.0
18th May, 1910, .	25th May, 1910	0	61 78	3	4
7th June, 1910, .	15th June, 1910		73	1	10
15th July, 1910,			82	2	7
29th July, 1910,	5th August, 1910,	. '	87	2	7
22nd September, 1910,	29th September, 1910,		72	ī	6

3. Creamory Certificates. Practical Training as Creamory Managers and Dairymaids.

Entrance to the examination for certificates, which is held by the Department annually in connection with their creamery scheme, is not restricted to students who attend the course of instruction at the agricultural station, Ballyhaise. In fact, one or more creamery managers who have not been students at the course are usually among the candidates at each examination. A creamery manager, who, at the time of his examination, has managed a creamery to the satisfaction of the Department, is awarded, on his passing the examination, a special certificate known as "the creamery mana-ger's certificate" in addition to the ordinary certificate which is granted to the other successful candidates. The latter are granted the creamery manager's certificate as soon as they have managed satisfactorily a creamery for at least one whole season, Some of the hest students who attend the course are subsequently given facilities for learning the practice of creamery management in Irish creameries selected by the Department as suitable for tho purpose. These students receive maintenance allowances at the rate of 10s, per week while stationed at the creamery in addition to free instruction. The Department also offer similar facilities for learning the husiness of a dairymaid at creameries to some of the pupils of the Munster Institute, Cork, and the Ulster Dairy School, Cookstown, county Tyrone The following table gives the number of creamery certificates

awarded and the number of pupils trained at creameries during the year 1910:—

Examination	for Certifics.	tes	Practical Creat	training at necies.
Date of Examination	Number of Candidates	Number of Pass Certificates Awarded	Popil Creamery Managers	Popil Dożymoida
2nd and 3rd March, 1916.	19	9	4	7

4. Experiments and Investigations

(a.) The experiment relating to winter dairying at the Centenary company's creamery in the county Tipperary was continued during the winter of 1909-10. The Department guaranteed the company against any loss which might be incurred by them in paying their suppliers at the following rates, fixed by mutual agreement:—A minimum price of 5d. per gallon during the months of December, January and February, and 42d. during the month of March. A small profit accrued to the company after paying the prices referred to, so that the Department were not called upon to make good any loss this year. The payment of these prices, however, has not, so far, had the anticipated result of inducing the company's suppliers, as a whole, to take up winter dairying, although there has been some increase in the winter production of milk. In the circumstances, the Department do not consider that the experimeut, can be regarded as conclusive. The results, however, justify another experiment on somewhat modified lines at one or (b.) The experiments to determine the effect on butter of the

use of various brands of salt and the value of the use of a preservative in quantities approximating '5 per cent. and '25 per cent, with and without salt were continued during the year 1910. The results so far indicate (1). That contrary to the opinion held by many, salt, or the impurities usually found in salt, do not cause the defect in the flavour of butter known as "fishiness," but (2) that butter salted with some brands of salt does not keep so well as butter from the same charning preserved with other brands. Further investigation into the matter is, however, desirable before expressing any definite conclusions as to the merits of the different brands of salt. (c.) The Department during the year 1910 made arrangements

of a tentative nature to supply creamery proprietors and managers with detailed particulars of the costs of manufacture and prices received for butter monthly at a number of creameries. system adopted was as follows: - The proprietors and managers of agreed to furnish each month to the Department the particulars in question in respect of their own creameries. The figures thus collected were tabulated by the Department and, with the omission of the names of the contributing creameries, were issued to each of these organicies. The information has been much appreciated by those to whom it has been furnished, as supplying a means of comparing in detail costs and prices, and so ascertaining in what particular respects greater economy or better results might (d.) The investigation into the Reichert-Wollny standard and

its application to Irish butter was brought to a conclusion this year. A detailed report of the results has been published in the Department's Journal, Vol. X., No. 3, and a short summary is printed on page 261 of the Appendices. The result of the investi-gation indicates that the occurrence of a low Reichert-Wollny number in a sample of Irish butter does not, in itself, justify the conclusion that the butter is adulterated. The Department, acting on the recommendation of the Departmental Committee on the Irish Butter Industry, intend to communicate with the local authorities in Great Britain with a view to co-operating by inspecion of the premises in any cases where Irish butter is suspected.

5. Departmental Committee on the Irish Butter Industry.

The Report of this Committee, which is referred to in a preceding paragraph, contains several perconnendations which relate the program of the Department's recurring scheme. These recommendations are receiving careful attention and some of them will be given effect to in the scheme as revised for the var 1911.

6. Com-testing Associations.

The Department have consistely advocates its establishment of these state-distance as a means of improving the average milk of the department of the consistency of t

With a view to ascertaining whether a profitable dead meat trade could be carried on between suitable districts DEAD MEAT TRADE. in Ireland and London, trials of slanghtering and marketing according to the recurrements

of the Smithfield market were made at Emission-ty, county Wesford, and Strakaus, county Tyrons. Estables experienced in the foot, and Strakaus, county Tyrons. Estables experienced in the Landon market, were employed for the work. Two small jets of cattle were dealt with separately at each count. The average asrelating per ord, live weight, on the several lots varief from 34/6′ to 44/·. The trials were conducted by local feeders with the fall of greats from the Department towards the wages of the expert

buildness employed and certain incidential expenses. The Department arranged for a department representing Irish The Department arranged for a department of the control of

1910. A report of the discussion was published in the Journal.

of the Department for July, 1910.

In conty Westfort a company has been formed to earry on a require deal meet trade with factors, and in contry Louth a special committee of the Louth and Month Paraser? Association in the control of the Louth and Month Paraser? Association of agriculture, to make grants towards the expense of the control of agriculture, to make grants towards the expense of the first year? with, including the control report and expert bushess and as which in the control of the control of the control of the control formers intereded. Arriangements have been made for the previous of satisfacts absolute in at World and Drugbelsch, both of these entree having apocial facilities for the transit of the most likely of the control of the cone

made in 1969-10 at Ennisoorthy and Strabane, is being arranged. The animals will be fed in the Banbridge district and slaughtered in Belfax. A similar trial will probably be undertaken in county Cork.

During the year 1908-10 an increased use was made of the Department's seed testing station, both by samers and by seed merchants, as the following comparison will show.

	Number of	samples tested.
Year.	Farmers.	Seed Merchants
1908-09.	1,038	157
1909-10.	1,051	190

In addition to the above, 710 samples were tested for the Department of Agriculture and their officials; 507 of these being samples taken under the Weeds and Agricultural Seeds Act, 1978.

The following table shows the counties from which the 1,444 samples (with the exception of those taken under the Act), were received, with the number sent from each:—

County		County No. of Samples Received.		County			No. of Samples Received.		
Antrim				25	Limeriek				23
Armagh		411		9	Londonder	TY		***	104
Carlow				76	Longford			***	- 6
				54	Louth				82
Cayan.	***			5	Mayo	-4-			12
Clare			111	258	Menth			***	33
Cork				27					11
Denegal	4.4		40.0	27	Monaghan				27
Down		40.0	1000	85	Queen's 4			***	3
Dublin				146	Rescommo				0
Fermanagi				1	Sligo				
Galway			111	7	Tipperary	1117			19
Garway				35	Tyrone		-14	111	92
Kerry		200		90	Waterford			441	61
Kildare			4.7	31	Westment				0
Kilkenny	***				vy caliments				150
King's Co.			111	22	Wexford	***		***	14
Leitrim		100		0	Wacklow		***		14

The accompanying table is a summary of the results of the tests for purity and germination of the various kinds of seeds examined during the way.

	No. of	1	Punty.			Germanation.		
Mazzo of Seed.	Sastrples.	Highest	Lowest	Average.	Highess.	Lowest	Avenge	
Wheat	20	500	946	99-9	160	17	-	
		100	500	160	100	17	83 82	
		100	100	160	160	76	92	
		100	93-6	25-1	166	16	69	
Percount Eve.		100	59-7	95/2	95	10	77	
Onlian Rev			77-1	92-5	95	20	66	
Mendow Peaces			86-7	98-9	95	100	73	
Meadow Fortaft.			16-4	93	50		58	
Timothy				99.0	95	41	91	
Cockstoot,	69			94-4	89	40	65	
Crested Dogstall,	1 6			89-7	89	71	29	
Hard Fescue.	1 1			99-0	63	13	36	
Call Fencus,	2	90'-5			84	64	74	
		100	100	100	60	01	99	
Red Clayer			29-4		96	33 6 (0)	86 4 11	
White Clover, .	60	99-6	11-6		21 & 46	4.4.50	66	
Abile Cover, .	61	99-5			99	10 /k 4h	85 6 75	
Predoit,	10	22-3	99-0	6014		49 & 20	66	
Canton,	3	99-6	96/7			TG & 21h	80 6 18	
imede,	75	100	200	160			82	
Hago,	2	900	300	260		94	96	
Sabbege,	8	10)	100	200			98	
Margel,	68	100 0	500	200	171	24	90	
Corrot,	2	95-9			75			
execup,	2	99-9	99-6	98-6	59	28	41	
265,	271	100	79-5	98-6	22	13	86	
l'etches,	3	100	100	100	93	35	52	
Pubseco,	15		-		90	25	80	

Wheat: —The germination in the majority of the samples tested was very satisfactory, but 20 per cent. of them were decidedly inferior in this respect.

Oats:—About half of the samples tested were good, many of the remainder, however, left very much to be desired, the germination in some cases being as low as 21 per cent., 15 per cent., If per cent., and 10 per cent.

Barley: Most of the samples tested were very good, the average germination being 13 per cent. higher than in the previous year.

Hys:—A few samples only were tested, half of which were decidedly unsatisfactory. The average germination, however, was I per cent. higher than in 1908-9.

Personal Rye: Both as regards purity and germination the sample of this seed aboved a slightly higher figure than last year. Nevertheless, that there is still room for considerable improvement in the quality of this seed is indicated by the fact that personaleges of purity as low as 81 per cent, 77.9 per cent, 7.75 per cent, and 50.7 per cent, and of germination as low as 41 per cent, 25 per cent, 35 per cent, and 13 per cent were found.

Halian Rye:—As regards purify there was an improvement over last year's samples averaging 5 per cent, but the germination was in a very large number of cases far from satisfactory. This is doubtless partially to be explained by the adverse weather conditions under which the crop of this seed was harvested in

1909. Meadon Forcus: —There was a slight increase in the average per cent, of purity in this case as compared with the previous year. The average per cent, of germination also showed a decided improvement, but still a considerable number of distinctly unsatisfactory sometos were received.

Meadow Foxtail:—As is unfortunately too frequently the case
with this seed the percentage of germination was very unsatisfactory, only two samples reaching 60 per cent, and over, the

higher of these being but 62 per cent. The purity of the samples

left on the whole little to be desired.

Timothy:—Purity and germination were, on the whole, quite astisfactory, only two inferior samples being received.

Cockglot:—Only five of the samples stead germinated above 85 per cent, showing that in a large proportion of cases the germination of this seed was not good. The purity was satisfactory,

with the exception of two samples, which showed a percentage of purity of only 75.5 per cent and 65.8 per cent, respectively.

Crested Dogstail: —Both as regards purity and germination the samples of this seed were on the whole satisfactory. Red Clover and Cow-grass: —The average percentage of ger-

Rea Clover and Con-gress:—Ine average percentage of germination was 4 per east, higher than in the previous year, whereas the purity showed little difference. The percentage of samples containing the seeds of Dodder was 22 per cent, as compared with 13 per cent, in the previous year. White Glover:—Seeing that only one of the samples received

germinated over 90 per čent, it is člear that much of the White Clover Seed used during the year was of very inferior quality. In many instances the proportion of "hard" seeds was higher than is usually the case in good samples. As regards purity, however, the samples were found to be generally satisfactory.

Alsike Clover:—As compared with those of White Clover the samples of this seed were considerably more satisfactory in their germination, and the purity also was better.

Trefoil: - The purity of the samples was quite satisfactory but

the germination of the majority of the comparatively few received for testing left much to be desired.

Swede, Turnip, Rape:—As is usual with these seeds the purity was quite satisfactory. As regards germination only six of the samples tested were decidedly bad, the remainder being, on the whole, good.

Mangel.—The results of the germination tests of this seed showed that very much of it was of poor quality, only about onethird of the number of samples showing a germination of over-100 per cent. As wiff fishina Rye Grass so here; this inferiority is largely to be explained by the unfavourable season experienced in 1999.

Plax:—One-half of the number of samples tested showed a germination of 90 per cent and over, seven samples were distinctly had in germination, reaching only 61 per cent., 60 per cent., 45 per cent., 22 per cent., 17 per cent., and 13 per cent., or cent.

the remainder about one-half of the samples were not of a satisfactory standard of germination. The purity was in general satisfactory. Cabbage: - The comparatively few samples tested were, on the

whole, satisfactory Carrot and Parsnip: -- The two samples tested of the former were satisfactory, while the two of the latter germinated 59 per cent. and 43 per cent., respectively.

Vetches: Only three samples were tested, two of which were distinctly inferior, germinating only 44 per cent, and 35 per cent., respectively.

Of the several hundred samples of copper sulphate examined all

were found, as in 1909, to be up to the stan-ANALYSIS OF dard of purity required for spraying purposes. The samples of washing soda MATERIALS. examined were, with two exceptions, up to the same high standard of purity.

The exceptions referred to were samples submitted by farmers who had inadvertently been supplied by shopkeepers with wrong material.

The Department issued early in March last a Report of Proceedings under the Fertilisers and Feeding Stuffs PERFIGURERS AND Act, 1906, for the year 1908-9. This report PREDIKG STUFFS contained much information of interest to manutacturers and users of artificial ACT, 1906.

manures and feeding stuffs and was widely circulated. A similar report in respect of the year 1909-10 will be issued early in 1911. It will not, therefore, be necessary in the present report to do more than allude to the outstanding features of the work carried out by the Department under this Act.

Early in the present year the Department availed themselves of their powers under Section 4 (c) of the Act to make regulations as to the manner in which the analyses of samples taken under the Act are to be performed.

These Regulations, collated with the Regulations previously

made by the Department under Section 4 (a) (b) and (c), were issued in one publication entitled the Fertilizers and Feeding Stuffs (Ireland) Regulations, 1910. Copies of the latter Regulations may be obtained free on application to the Department Following on the resignation of Sir Edward Thorpe, Principal

Chemist of the Government Laboratory, who had hitherto filled the position, the Department, on the 1st April, 1910, appointed Mr. David S. Jardin, F.I.C., F.C.S., to be Chief Agricultural Analyst for Ireland under the Act.

During the year under review 441 samples of fertilisers and

291 samples of feeding stuffs were officially taken under the Act, and of these 268 samples of fertilisers and 171 samples of feeding stuffs were submitted to analysis. Two of the Department's officers were specially employed during the spring in investigating the state of the trade in Ireland in these commodities. The shops and stores of traders engaged in this business were visited, and samples taken where considered necessary. Much useful information as to the condition of the trade was thereby obtained.

Proceedings were instituted by the Department in two instances, under Section 6 against vendors for failure to give the prescribed

under Section 6 against vendors for faiture to give the prescribed invoice in connection with the sale of fertilisers. Convictions

were obtained and a fine imposed in each case.

In the Beptri of Proceedings under the Act details will be given of two interesting experiments carried out by the Department during the year. One of these was undertaken to test the value as a califord of a very highly-priced. "Milk Deba drive and the state of the value as a califord of a very highly-priced." Milk Deba drive, the property of the property of the property of the test of the value of val

Copies of the Report in question, when published, may be procured from Messrs. E. Ponsonby, Ltd., Government Sale Agents, 116 Oration Street, Dublin.

American Gooseberry Mildew and Black Current Mite (Ireland) Order, 1908.

Arrangements were made, as in previous years, for the work of inspecting gardens and reporting on cases of page 100 per 100 pe

being 211 ones of milder and 32 cases of mile, as against 540 and 808 cases, responsively, last seism. The usual acides, require amongst other measures, the mile the mile acceptance of the which the disease below the condition of the condition of the which the disease business were poundly completed to the premise on the requirements of these notions were poundly completed complete actions. It may be mentioned that of the condition of the principal america, the Department's efforts were for the rise than the condition of the

Several applications were received during the year for licenses under Article 5 of the Order to impure goosserry unbase into Irrand. In one instance the necessary license for this purpose was granted, the logariment having satisfied (themselves that the small quantity of the particular variety which it was desired to obtain for experimental purposes could not be present well for experimental purposes could not be present with the small purpose that the properties of the particular variety which it was desired to obtain the properties of the particular variety which is presented to be clear and from from disease.

A number of experiments were again conducted this year with a view to testing the efficacy of different fungicides. Spraying with potassium sulphide accompanied by severe pruning was found moderately efficient as a preventive measure. Once the disease had made it appearance, nowever, this treatment was found to be practically useless, and, so far, the only certain method of eradicating the disease appears to consist in the immediate destruction of all affected busins.

Black Scab in Potatoes (Ireland) Order, 1908.

Reference was made in last year's report to the fact that three small outbreaks of black soab had been discovered in October, 1908, in a certain district of county Down. The Department in consequence arranged last autumn for a thorough inspection of the potate crops in that and the surrounding districts, and an officer of the Department was constantly employed during the digging season in examining the tubers before pitting. Four outbreaks, each fortunately of small extent, were reported by him. These all occurred in the district in which the disease had previously been found, and, so far as the Department can ascertain from close inquiry, the disease appears to be confined exclusively to this locality. In each case the diseased tubers, which were very few in number, together with the haulms, were at once destroyed, and the remainder of the crops disposed of to the Department's satisfaction. The growers in these cases were prohibited from again planting potators on the land without the express sanction of the Department.

Some alterations were made last year in the Regulations governing the importation into Malta of potatoes grown in Ireland. In the previous year, the Government of Malta required that every consignment of potatoes shipped to Malta from this country should be accompanied by a cortificate from an officer of the Department showing (1) that the potatoes in question were free from black scab, and (2) that they had not been grown on land which was infected with that disease. Under the revised Regulations issued in September, 1909, actual inspection of the pointoes by an officer of the Department is no longer necessary. Every consignment of potatoes shipped to Maita from Ireland must, however, be accompanied by a certificate from the Department to the effect that, so far as they are aware or can ascertain, black scab does not exist in the county in which the potatoes were grown. With this must be sent a statutory declaration from the shipper to the effect that the potatoes were grown in the county in question. The Department arranged for the issue of the necessary certificates, and shipments of Irish seed potatoes to the extent of 8,800 tons were made during the season to Malta from the North of Ireland.

This Act came into operation on the 1st of January, 1910. In December, 1969, the Department addressed

Weeds and a communication to each county council bringing under their notice the provisions are, 1969.

ACT, 1969.

December, 1969, the Department addressed communication to each county council bringing under their notice the provisions of Part I, of the Act, II was pointed out that under the part this Part of the Act into force

in any county it is necessary for the county council to express their consent to the making by the Department of an Order under Section 1, declaring certain plants to be noxious weeds throughout the county. The councils of sixteen counties formally signified their consent, and Noxious Weeds Orders were made by the Department in respect of these counties. The necessary work of inspection was undertaken by the Department, who during the season assigned eighteen officers specially for this work. Reports as to prevalence of weeds on lands, roads, etc., were received in 2,468 cases. On consideration of these reports notices were in 2,169 cases served by the Department on the occupiers requiring them to destroy the noxious weeds growing on their lands. Little difficulty was experienced in prevailing on occupiers to comply with the requirements of the notices, and in 2,038 cases (or 94 per cent) the Department's officers found on their second and subsequent inspections that the weeds had been duly cut or otherwise destroyed as directed. Suitable action was taken by the Department in those cases in which the requirements of the notices were not complied with.

The following table shows the counties which have adopted the Act, the plants declared to be noxious weeds, the number of reports received and the number of notices served and complied with in each of these counties:—

County.	Plants declared to be	Number of succes		Number of Notices.		
	Noticon	roported.	Served	Com plice with		
Antrim, .	. Regwort, Charlock, Coltsfoot, Thietle, Dock.	138	127	120		
Armosh	. Rapwort, Thistle, Duck, .	127	124	1117		
Down,	. Charlock, Coltsfoot, Thistle,	57	84	85		
Dublin, .	. Ragwort, Coltefoot, Thistle, Dock.	128	117	111		
Fermanagh,	. Ragwort, Charlock, Coltsfoot, Thistle, Dock.		67	- 64		
Kerry, .	. Do.	307	234	204		
Kildaro,	. Regwort, Coltsfoot, Thistle, Dock.	166	156	149		
Killsonny,	Thirtle.	133	119	107		
Limerick, .	. Ragwori, Charlock, Coltefort, Thistie, Dock.		152	145		
Londonderry.		189	162	139		
Meath, .	. Ragwort, Charlock, Coltsfoot, Thistic, Dock.	265	243	237		
Monaghan,	. Do.	67	63	58		
Queen's, .	. Ragwort, Coltsfoot, Thistle, Dock.		134	124		
Roseommon,	. Ragwort, Charlock, Coltafoot, Thistle, Dock.		86	85		
Tipperary, S.R.	. Do.	271	227	120		
Westmoath,	Do.	113	104	100		
	Total	2,468	2,169	2,035		

By Section 5 of the Act the Department are empowered to cause samples of the various agricultural seeds offered for sale in this country to be taken and tested for purity and germination. Durring the year under review over 900 samples were so taken, of which about 500 were selected for testing.

The reports of the Department's Seed Testing Station on these

The reports of the Department's Soul Testing Station on these samples show that a large proportion of the seeds ampled were of very inferior quality, many of them being quite worlholes for owing purpose. The Department are communicating on the subject with the vendors of such needs. If an improvement is subject with the vendors of such needs. If an improvement is those persons the Department with quality of the seeds add by those persons the Department with control of the properties of powers under Socion 6 of the Act by publishing the results of the testing of the volcass seeds.

An examination for forestry apprentices was held in September,
1909. The prospectus of this examination will
FORESTRY. be found in the Appendices, page 199.

assigned to the Department's forestry station, Dardrum, contry Popentry, for beginning a forestry station, Dardrum, contry Popentry, for the Station and Station, Cardinary, control of the Station and Station an

Of the eighteen approaches who have already completed the three years course of training at Avendale station, ten are at present employed in connection with the Department's foresity operations, four are employed at foresity work on private estates, and two are holders of scholarships at the Boval College of science, where they are taking out a higher course in forestry.

The fitting up of the out-buildings at Avondale for the purposes of a forestry museum was completed, and a collection of sawn planks and other specimens obtained from various sources.

Reference was made in the last Report to the financial provision made by Parliament to enable the Department to acquire under the Iribit Land Acts suitable areas of woodlands and lands adapted for forestry. Operations are now being carried out at the following four centres in connection with this vote:—

The Avondale station, including Ballyfad woods, baving a total area of 815 acres, is primarily intended for the education of foresters, and the cost of this centre is borne by the Department's Endowment.

Daring the winter, 1909-10, 25 acres were planted at Dundrum, 50 acres at Camokin, 45 acres at Agrams, and 12 acres at Avendale. The property at Ballisborough was not acquired until the conclusion of the planting season. Fracing and other preliminary work was understaken, and planting at this certire is now in progress. The area to be planted at the other centres in 1910-11 extends to 1940 acres.

At Dundrum centre, where there is a large quantity of mature timber, the saw-mill was at work during the year. Most of the sawn timber was sold locally.

An application from the Department for a grant for forestry in Ireland is at present being considered by the Development Com-

Negotiations are in progress with the Estates Commissioners for the purchase of further suitable areas, and the Department expect before the end of 1910 to be put in possession of a wood of 200 acres in county. Londonderry. Arrangements for taking over an area of 470 acres in county Tyrone, and of 2,000 acres in Queen's county are also approaching completion. County forestry whenes are working in Kildare and Western County forestry whenes are working in Kildare and Western County forestry whenes are working in Kildare and Western County forestry whenes are working in Kildare and Western County forestry whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are worked as a supportant whenes when the county forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildare and Western County forest whenes are working in Kildar

County forestry schemes are working in Manina' schedel to meath, and the county council of Waterford have also decided to adopt a schemes, and to strike a rate of 1d. in the pound for this purpose. As a result of a circular letter issued by the Department in April, 1910 (printed in the Appendices, page 2011, to each county council, several other councils have had under discussion the possibility of promoting county schemes of forestry. The Land Act of 1909 contains a provision by which purchasers

The Land Act of 1940 contains a provision by fell without the consent of the Department as a penalty stary fell without the consent of the Department as one provision of the Department as the provision of the Department of the Consent of the Department of the Consent of the Department of the Consent of th

As will be observed from the began the co-operation of these county councils, already referred to, the co-operation of these bodies has been solited in preventing the unnecessary felling of

trees by peasant proprietors.

The services of the Department's Forestry Expert were availed

The services of the Departments and public bodies requiring divine the year by private planting operations on a large scale, advise on the earrying out of planting operations on a large scale. Trained working the planting department's words were lest during the planting season, whenever their services could be spared, their wages being paid by the persons employing

Expert advice on points connected with forestry was given by letter, and the leaders published by the Department on the selection of trees, methods of planting, etc. were largely availed of by persons requiring general information on the subject.

A series of articles on the "Protection of Woodlands in Ireland." which has appeared in the Department's Journal, is being incor-porated in a "Handbook on Irish Forestry," which is about to be published by the Department.

Ninety-seven applications in connection with this scheme received consideration during the past year, and sixty-LOANS FOR THE three loans, amounting to £1,175, were ERROTTON OF grented. Ten of the applications were with-PENCING. drawn or cancelled for various reasons, and twenty-four cases had not been finally dealt with on 80th September, 1910, pending the result of the usual inquiries or the completion of the necessary documents. In addition to the work involved in connection with loans approved in the year under review, the Department's operations under this

scheme included the completion of fences, for the erection of Thirty loans for the purchase of "hand separators" were granted during the year under review, involving an expenditure of £247. Nineteen were granted LOANS FOR THE PURCHASE OF HAND to applicants from county Cork, six from SEPARATORS. county Limerick, and five from county

which loans were sanctioned in previous years.

Under the provisions of this scheme the Department granted eleven loans amounting to £96 during the past year. In all cases the applicants agreed to hire the LOANS FOR THE PURGHASE OF HORSE machines to small farmers in their districts SPRAYERS. at a fee to be fixed by the county committees and approved by the Department.

In addition to the operations under this scheme the Longford, Mayo and Tyrone county committees decided, with the consent of the Department, to purchase a number of knapsack sprayers for the purpose of hiring out to small farmers in the poorer districts at a nominal fee. The cost of the fifty-five knapsack sprayers procured under this arrangement was borne by the joint fund at the disposal of the county committees.

Three applications for loans in respect of meal mills were received during the past year. On investigation it LOANS FOR DENING Was found, however, that none of the appli-RILES, MEAL MILLS, cations came within the scope of the scheme. ETO ... and no loan was sanctioned in any of these C9868

Loans amounting to £300 were duly advanced in the case of the two approved applications referred to in last LOANS FOR THE year's report. An additional sum of £60 ERECTION OF was also lent in the case of a Village Hall. in respect of which a loan had been granted VILLAGE HALLS.

in a previous year. Two further applications have been approved, but the amount of the loan has not yet been advanced in either case.

2. TECHNICAL INSTRUCTION.

This section of the Report covers the period of the Academic Year, 1st August, 1909, to 31st July, 1910. Attention is drawn to the reports of the Inspectors of the Branch

Attention is drawn to the reports of the inspectors of the Braison do the Tables and Appendices, in which will be found a full detailed account of the work of the Branch. It is only necessary to deal with some points of outstanding interest.

There is still much misapprehension as to the source of the Department's funds for technical education and the source or funds, source from which its grants to Secondary Schools are made. It may be desirable, there-

form, is point out the mean of means. In each most it Engineering to technical electronic, viz.: £55,000 per assums provided under the Act, is devoted to behanical outsethers, and that to part with the Act, is devoted to behanical outsethers, and that to part with the Act, is devoted to behanical outsethers, and that to part with the Act, is devoted to behanical outsethers are provided under the moneys would normally by Parkinsont. The other words are not the moneys would not be an experimental to the act of the moneys would not be a provided out of the moneys would not be a provided out the three permits are constituted you contributed by conditions which secure electrical and scientification of the provided by the provided

The various schemes of technical consention under Local Authorities throughout breland are, on the whole, sources to the companie the consent of the consent c

second, and in many cases their operations are very materially restricted by wast of means. In a number of three Centres the provision of permanent buildings has proved unavoidable, and some have been raised for the process of providing new buildings, the repayment of which falls upon the annual income, alwested, and the similar process of the contract of the contract of status there is also by the excitation results. The Department regard to have to record one marked exception

The Department regret to have to fraction assimilated contribution to the increasingly and all most no express grave dissistiation with the similation of the contribution of the contribu

Committee. They allowed the crection of a new school in Botton Street to go forward without prejudice to this question on the condition that on Educational Expert should be appointed to direct the work, and this was done. Now that the school is approaching completion it is essential, that the administration of the schone shall be so organized so to ensure that success which lower than the control of the school of the school is all administration of the school of the school of the school of the tension of the school of the school of the school of the committee: and school of the school of the school of the committee: a school of the school

30th March, 1910

No. 32787-10. Scn.

Before thing into consideration the adoms of Trainmal Instruction for the Centry Bowers of Dublin for the Sesson 1950.11, for which the approval of the Department will be nobed, the Department desire to approve the second of the Company of the Company of the consideration of the Department of the Company of the Academic of the wind the Company of th

for a consideration of the matters to which the attention of the Committee further developments can be assettoned. The scheme for 1910-11 will differ from preceding ones in that it must involve a considerable extension of the Committee's operations consequent upon the opening of the new premises in Bolton Street. The School in Bolton Street is now mearing ompletion, and so far no scheme or report has been submitted to the Department concerning the subjects to be taught in the school, concerning the plant and equipment to be provided, and concerning the teachers to be appointed and their respective dities. It is obvious that if these stage of the scheme of Technical Instruction for the City of Dublin, would affairs which for some time past appears to have been prevaiting in the administration of the achieve. The Department carnessly sek the Coremittee, on the occasion of this new departure, to make an effort to remedy the defects which have been appearing, and to launch the new work under conditions which will give a reasonable promise of success meteod of under conditions which amount to a guarantee of certain follure. The interests of the citizens and of their children, for whose benefit this sebene of Technical Distruction is intended, are so vitally involved in this question that it is confidently heped that the Cammittee utill availed to the need of thereugalgoing and carness action. The Department new give notice at this early period that unders reforms are effected in the matters to be presently seterred to they will not be prepared to another

The first reform that is necessary is that the whole scheme, with the indexion of the new provision for the Bolton Street school, be placed to the scheme of the scheme of

The facts were communicated to the Municipal Council in a letter to the City Treasurer dated 2th March, 1906. In that letter the Department amounted that

"for some time past they had reviewed with auxisty the pretracted and innecessary delay which had so long deprived the City of Dubin of the breselfu which the Act of 1800 was intended to confer and of which every other urban centre of any importance in Ireland had been taking the fullest advantage for several years."

is, we then putted out then in December 1000, after perturbang applications. The Disputement hal entires that appeared in preposal applications of the preposal application of a short with special of shield the most constitute out the specialteness of a short with special of shield the most constitute out the specialteness of a short with special to the Toronical Education Committee for the general specialing of the Chry school. The Committee of the third was a special proper special offerer to understood an other precess of their Secretary in create offerer to understood to drive when our fails secretary in create offerer to understood to drive the special of their subsection of the special control of the special control of the special time of a special control of the special control of the special time of the special control of the special control of the special time of the special control of the special control of the special time of the special control of the special control of the special time of the special control of the special control of the special time of the special control of the special control of the special special control of the special special control of the special control of the special special control of the special special control of the special special control of the special special control of the special special control of the special control of the special control of the special control of the special

"The question has now resolved the stage when a nie ten the efficient and the of the City has at tength been asbeted and appreced, and when no reasonable material difficulty made prevent the Committee from proceedings at once with the urvie of our comparison of the committee of the direction of the city content to the direction of the city content of the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city content of the city content of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city and the city has a tength of the city has a

A secretary of the control of the co

office he has assumed, while the fart of his assuming them must have of itself, and it manifestly has, involved limiting the utility to the Committee of the expert adviser, who, in such anomalous circumstances, could not possibly give them the full benefit of his assistance. The Department are aware that the Committee have recently made an arrangement allocating the superintendence of the educational work of arrangement anothering the superintensities of the economical work of the scheme to Dr. Ryan, but they have given him no proper authority or control in the matter, and without full authority and control in the educational expect's hands such an arrangement is decorded to ineffective ness and could not most the needs of the case. The Department feel assured that the Committee themselves must be very conscious of this state of things. No scheme could succeed under such oseditions.

The manner in which the Secretary discharges the duties properly belong-

ing to his legitimate office will be referred to presently.

On a consideration of these circumstances the Department, now that the fortunes of the school in Bolton Street are about to be vitally affected by the methods of administration, feel it their bounden duty to revert to their original recommendation and to insist as a condition precedent to their approval of the scheme for 1910-11, that the work of directics and organisation of the athere as a whole be placed in the hands of a qualified Director. Such a condition is essential to the efficiency of any important Director. Stem a conduction is essential to use candidately of the case of the Dublin scheme in its present stage, for which in short it has now become the sole protection against disastrous and discreditable failure. The Department, therefore, request the Committee to place the whole atheme Department, therefore, request the tunnitive to piece the whole senses for the Gity of Bubliu under an adoustional expert with the full authority and requestibility of a Director responsible directly to the Committee and under the role time where and, administrative and educational, amployed under the role of the weller state, administrative and educational, amployed under the role of the state and the prepared to approve for this purpose either Dr. Ryan, who have the Committee across one of the Com-mittee across one of the Committee prefer it, any other sechnological expert possessing the requisite

The second reform necessary in the administration of the scheme has reference to the manner in which the Severctary discharges the duties properly belonging to his office. The Report to the Municipal Council the Auditor of the Local Government Board dated 20th January, of this year, which has recently been submitted to the Department, reveals, with efficial confirmation, a state of negligence and irregularity in the Secretary's department, which is of the utmost gravity. scalls particular attention to the report of Mr. John Goed, who investigated these irregularities, and to the report of the sub-committee, to whom Mr. Good's report was referred. He points out that the Secretary, contrary to his duty, withhold all information concerning these two reports from the Municipal Council, and he intimates at a later stage it may he necessary to consider further the effect of this action. The mac-consultte in their report signed by the Rev. T. A. Finlay, stated their opinion

"that grave irregularities had occurred, that the failure to lodge at the proper time, regarding which no explanation was offered,

They added that they

" held strongly that if the Technical Instruction Committee are to fulfil adequately their duty to the citizens, and to save themselves from adverse criticism, steps should be promptly taken to put the administrative and educational departments of the Technical Schools on a satisfactory basis.

They recommended that the services of two clerks in the Secretary's office, Mesers. Healy and Dillon, he dispensed with, and that "Mr. O'Carroll be informed that there had been great careteamess

and want of supervision in these departments moder his control which came under our observation."

" In the first place the absence of any attempt at indexing entails much waste of time when reference to any partitular minute is required. Again, when minutes are found, they are sometimes too vague to indicate definitely the orders of the Committee. When seeking the authority of the Committee for the appointments of the staff for the Session 1906.7 it appeared from the minutes that contain teachers, of whom a few were mentioned by name. was recorded, no entry appeared that such and such persons were appointed on such and such terms. As a consequence the legality the payments (of which there were some hundreds) appeared to be open to question, but as I had no doubt as to the intentions of the Committee I took the responsibility of passing the items, dealing with them as payments on foot of presumptive contracts, based on the forms of agreement adopted by the Committee (which forms, however, the Secretary emitted to get the staff to sign for 1906-7), and on a list of names, class hours and remuneration, stated to be the same for the previous Session, being a copy of a list (Form A) sent to the Department. Apart from the question of proper authority, however, a number of the colculations appeared to be inconsistent and erroneous, and after a lengthy and blactions investigation, dealing with the matter on the most blactal principles, I disallowed seven small overlapyments, amount-ing to £3 at. 2d. This sum was lodged by the Secretary, on whose certificate the payments were made, and who-ought to have seen that all the payments were calculated on the some principle in accordance with terms clearly authorized by a definite minute. In another instance payments, in excess of the amount authorized by the Council, were made on the certificates of the same officer amounting to £9 3s. 4d., and as this sum was not lodged, I surcharged against him as a loss or deficiency occasioned by his negligence. . . In the accounts of the same Committee occurred a payment of £28 2s. ld. to Mr. P. T. Healy, an officer of the Committee, who alleged that when in charge of each he had overlodged to that extent. Having made as full inquiry into the matter as possible, both now and at the previous audit, I was unable to satisfy myself that it was a legal charge, or to regard it as other than an unfounded payment, and as such I accordingly

Samula for the Antiferra recover which has been elemented to the Department Levi Linux and the Commission of the Commiss

was convicted at the Dublin Commission. He is now serving a sentence

jail.
The state of things above described not only should no longer be allowed. The state of things more energed not only some no longer to continue, but it is of such a mature that it constitutes a grave discredit to the Technical Instruction Committee. The Department must now request the Committee to take into their immediate consideration the whole question of the office arrangements in connection with the scheme. Were it not that the Committee themselves had failed in their duty in not reprimming the Societary when recommended to do so by the sub-cumulative, and bad thus left him without that necessary assistance to improve be methods, the Department would feel constrained to call into question the continuousce of this offices 's employment. They make, however, due allowance for this circumstance and they confine themselves to request ing in his case that Mr. O'Carroll be required to limit himself strictly to the duties properly attaching to the office of Secretary; that he be obliged to cease assuming, nominally or otherwise, the functions of Principal or Director, and that he be paid only such salary as has been expressly sanctioned by the Department as part of the approved expenditure under One of the irregularities brought out by the report of the Local Government Board Auditor is that, notwithstanding the Department's refusal to sanction an increase above the maximum originally fixed, a retusal to scarcing an increase above the measurem originary more, a salary of £100 in excess of this maximum has been paid to the Secretary. Furthermore it will be measure, pending distinct and satisfactory evidence of improvement in the manner of discharging his business, to regard the tenure of his office for the time being as productionary.

When the Councitive have thus regulated the position of the Secretary they should immediately proceed to overhaul the entire arrangements in the Secretary's office and lay down a well-considered system for the future management of the work.

I am, Sir, Your obedient Seavant,

> (Sgd.) T. P. Gna. Sceretary.

The Chairman of Secretary
The Gity of Dublin Technical Instruction Committee,
Lover Kerin Street, Dublin.

The Department regret that the conditions hid down by them have not been satisfied, and that no sebeme for the County Borough of Dublin has been submitted to them for the Session now in progress. Since under their statistory powers the funds for technical instruction can only be expended under the terms of a scheme approved by them, no part of their funds are available for the County Broungh during the current session.

Full information was given in the lost Annual Report as to the operations of the Branch, which it will be unnecessary to repeat here. In connection with the schemes under Losal Authorities, which was the connection with the schemes under Losal Authorities, which was the connection of the connection

Boys which had formed a part of some of the County Schemes. The Scholarships are now divided into two classes:—

- (1.) Technical Scholarships for Boys of 18 years and upwards who have completed their primary school course, and which are tenable at Day Trades Preparatory Schools or other schools which provided a course of the same type.
- (2.) Apprenticeship Scholarships for Boys who have attained the age of 16 years, and these are tenable throughout the term of indentured apprenticeship to approved trades.

The intention of these Soloharships is to seems picked bypy from the primary school and, after a partial speak of lefting a course specially designed to prepare him for a frush, to provide an am solicient to anisation the boy throughout the whole period of his approacheship in a nice of the supervision of the superv

Tarim showing the Occupations of Evidents attending Ubban and [-] County Schouls and Classes in Non-Agricultural Sublects.

	Leanster.	Munster.	Uleter.	Con- naught.	Totals.
YOUNG MEN.					
Persons engaged in Farming Occupations.	588	538	689	523	2,338
Boilding Trades—including Workers in Wood, &c.	281	413	379	54	1,127
Coath and Car Builders,	27	15	19	4	65
Engineera, Workers in Metal, Draughtsmen, &c.	419	183	877	6	1,485
Architects, Surveyors, Civil Engineers, &c.	32	38	55	-	125
Electrical Engineers, Scientific Instrument Makers, &c.	90	57	111	1	259
Printing Tracks—Composi- tors, Lithographers, &c.	102	48	sì	12	243
Textile Industries—Designers, Weavers, &c.	48	11	499	11	550

	Leinster	Munster.	Ulster.	Con- neogle	Total
YOUNG MEN.—continued.					
Painters and Descrators	46	78	66	10	200
Plumbers, Gastitters, &c	59	54	63	2	178
Trades involving applied Art —Jewellers, Furniture Makers, &c.	· 73	38	59	3	164
Chemists, Analysts, Drog- gists, &c.	85	63	120	1	269
Salomen, Shopkeepers, Wore- bourcosen, &c.	310	387	645	54	1,346
Clerks in Commercial Offices.	540	312	762	24	1,618
Clerks in Banks, Civil Service, Law, Asserance and Ac- countants' Offices.	266	72	319	-	657
Teachers, Assistant Teachers, Publi Teachers,	148	217	313	19	697
Students (University, Law,	93	51	63	57	264
Occupations not included in the above classes.	603	319	378	43	1,843
Boys just left school or College.	122	103	66	-	296
Boys still in attendance at School or College.	855	1,188	749	156	2,948
No compation stated	189	178	230	15	612
TOTAL NUMBER OF YOUNG	4,936	4,338	6,515	995	16,784
Corresponding Numbers for 1908-9.	4,717	8,727	6,132	998	15,574
YOUNG WOMEN.					
Persons engaged in Farming Occupations.	1,490	2,071	1,054	1,641	6,255
Domestic Servants	661	258	544	60	1,026
Printing Trades	8	15	13	3	39'
Dressmalcors, Millinere, &c.	210	129	367	58	768
Yextile Industries—Designers, Weavers, &c.	50	-	347	13	610
Factory Workers not in- eluded in abova.	91	58	548	12	709

98

OCCUPATIONS OF STUDENTS-CONTINUE

_	Leinster.	Munster.	Ulster.	Con- neoght.	Total
YOUNG WOMEN.—constinued.					
Workers in Laza, Crochet, Embroidery, Sprigging, Drawn Thread Work, &c.	309	523	858	282	1,972
Saleswomen, Bhopkeepers, &c.	311	539	336	114	1,300
Clerks, Cashiers, Civil Servants, &c.	280	96	518	35	926
Teachers, Assistant Teachers, Pupil Teachers.	474	380	1,146	137	2,11
Students (University, Medical)	28	3.5	84	4	13
Occupations not included in	395	403	733	87	1,81
Girls just left School or College.	162	205	144	49	58
Girls still in attendance at Salpod or College.	758	1,119	833	288	2,99
No occupation stated	1,179	1,311	1,892	395	4,17
TOTAL NUMBER OF YOUNG WOMEN.	6,108	7,192	9,397	3,198	26,12
Corresponding Numbers for 1908-9.	5,864	8.077	9,023	8,128	28,00
TOTAL NUMBER OF STUDENTS,	11,364	11,460	15,912	4,198	42,90
Corresponding Numbers for 1908-9.	10,581	11,804	15,155	4,126	41.68

The Department's provision for commercial instruction by means of specially trained teachers has resulted in COMMERCIAL agreat development of this branch of teahmian instruction. The schools already established in Rathmines, Cork, Limericks

and Waterford are meeting with great success, and are obviously meeting a great need, and eight additional scholars are now following a special course of training with a view to becoming teachers of Commerce in Ireland.

The work done under the Department's Programme for Secondary Schools centimues to progress satisfactority, SECONDARY SCHOOLS-IE is not anticipated that any further considerable development can take place in this branch of the Department's work, which they believe constitutes

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a very valuable part of the curriculum of the Day Secondary School. The following table shows the growth and present position of the work in Irish Secondary Schools:—

		No. o Course	e, and op	who work on account ore payab	t of whon	gh the grants	
Province and Year.	No. of Schools	Preliminary Course, 165 Year.	Prelim- inary Course, 2nd Year.	Special Courses, 3rd Year.	Special Courses, 4th Year.	Totals (Indi- vidual Popils).	Amount of Grants Escued.
LEISSTER. 1901-2. 1904-5, 1907-8, 1908-9, 1909-10,	66 103 111 110 108	2,732 2,128 2,405 2,410 2,380	1,363 1,721 1,764 1,900	468 799 975 1,010	119 246 201 220	2,732 4,078 5,136 5,301 5,440	5 s d 3,982 3 1) 7,630 19 6 9,051 2 6 10,638 2 6 10,750 0 0
MUNSZER. 1901-2, 1904-5, 1907-8, 1909-9, 1909-10,	39 70 82 80 81	2,698 1,507 1,903 1,771 1,730	867 1,286 1,303 1,230	364 619 768 740	52 128 97 210	2,098 2,810 3,924 3,935 3,860	2,943 9 4 5,350 7 1 7,296 14 11 7,354 18 10 7,050 0 0
ULSTER. 1901-2, 1904-5, 1907-8, 1908-9, 1909-10,	42 68 77 79 78	1,596 1,184 1,520 1,630 1,630	736 1,103 1,058 1,120	315 491 578 590	81 319 141 160	1,596 2,315 3,211 3,385 3,420	2,431 7 0 5,316 8 8 7,676 19 0 7,940 7 7 8,030 0 0
CONNAUCHY. 1901-2, 1904-5, 1907-8, 1908-9, 1939-10,	7 15 19 17 16	189 272 382 319 310	201 276 272 230	100 150 150 150	15 38 31 40	189 588 814 765 739	268 10 5 1,219 8 11 1,810 8 6 1,639 3 2 2,270 0 0
TOTALS, 1901-2, 1904-5, 1905-8, 1905-9, 1909-10,	154 256 289 286 283	6,615 3,091 6,213 6,130 /1,040	3,166 6,385 6,497 6,350	1,267 2,039 2,471 2,460	267 531 670 680	6,615 9,791 13,115 13,386 13,450	9,575 10 8 19,417 3 8 26,725 5 2 27,472 17 17 28,100 0 0

The teaching of Experimental Science and Drawing in Secondary Schools may now be regarded as having reached its normal volume, and no material increase can be expected for some time to come.

He was thought that the charge on the Intermediate Education Board's rise, whereby Experimental Science is no longer a companylary subject, rise, whereby Experimental Science is no longer a companylary subject, No much reduction, between, that taken place while a few of the annial abouth which had not helectoristic at these own and had to make special abouth which had not helectoristic risely one makes a proper of decaying the subjects from those controllary, they places have long find by other places. In our had not a superior to company on the Neutrotural transfer of the subject from the controllary that the subject is will be any serious reduction on account of the above monitorized chargeculf he any serious reduction on account of the above monitorized chargeter and the subject from the controllar controllary charges associated has been confirmed to the controllar controllar controllar controllar charges associated has been

"In maintained, he work on the First Yors's Prelimizary Course, to what strentise has been driven in personner reports eminar very most the same, and, as these reports stated, are due in a large measure to the inefficient persons training of the pupils. This maintainetory condition will report to the same properties of the present the same properties of the pupils is put in operation throughout the country. Changes of joint, operating in the Christian Bayders' Schools, are too

Changes of staff, sepecially in the Christian Bottlern's Schools, are too frequent and are sepacable for much wark of a medeern nature. School and the staff of t

The tending of the specialised adjusts in the third and fourth year generally as good just in several asheed, the amount of peacetied work carried out and the pupils' manipulative powers are comparatively small. This is due to the facts that the ministans presented time is given to the seaching, and that little or as regular time is set spart for preparation of the leasurant properties.

without variancism, one overwords. In this majories to the proportion. In the majority of schools adoquate the nit in nit given to the proportion. In the majority of schools adoquate the nit in the processive department of the nit of the majority department in the lam nor mechanical blosm of setting out apparatm upon the benches shin interest in the teaching soon flags as to finell intend mable to attempt any new treatment of the splithouse which involve any department from the set of experiments that he has prevented presented with its class. He or it may be noted that it is the exception to find, what abouth be expected in every good polipical laboratory, and not of worth whose quipped with

The teaching of Physiology and Hygiene is the least astisfactory of all the courses. Text-books are too freely used to learn what might be discovered by observation, and too much attention devoted to minute details and chomocal reactions, which must to many of the pupils be nothing more than any exercise of the memory.

DAY TRADES PRETARATORY SCHOOLS.

The Special Syllabuses issued by the Department last year to the Day Tracks Preparatory Schools have proved very useful, not cash is absoring how the different subjects of the carriculum may be correlated, but also in securing a more systematic and practical treatment of each section of the work of the Schools. The response made by those Schools generally is astatisticity. The training given in them is so much appreciate or employers, and tops, who have had only a two pears' straining, as reality lead remunerative with a straining as reality from the sufficient manufact of leyer for with alliculty be feeded as not retain a sufficient manufact of leyer the Schools are fulfilling the functions for which they were designed, as the Schools are fulfilling the functions for which they were designed, as the School approach of the School approach that about all the pupils on the School approach is associated opening annuals as those next and Londonderry and Bullyment intend opening annuals actions are sufficient to the school approach the sociation of the School approach that the school approach the School appr

i.

TRUDUCAL INSPRUCTION UNDER LOCAL AUTHORITIES,

Steady progress in the work carried on by the Local Authorities may be recorded. Every county, and almost every urban distract, have row approved schemes for Touchieal Instruction in operation, and the increasing number of pupils aerobles in closes under these otheres points to their appreciation by the people are the contraction of the pupils are the pupils

This lacronic in cardinant is most muticable in the Schools in the unhan centres in Unitor, where perhaps the direct schoustage of the instruction are more apparent. It is also plosting to note that the increased study factored by the Regulations for the schimates taking of grants to Technical Sthools and Science and Art Schools and Chasco, and consequently a second study for the schools and Science and Art Schools and Chasco, and consequently a lacrony permanent centre in sec to be found T-Paparatory Congret.

The sktyl printibuses course are sort to be found "Friguratory courses" over cover, their test value has not been fully recognized and the first course of the cover, their test value has not here nilly recognized and the course for which they were designed. Though its numbers entailed for this purpose for which they were designed. Though the numbers entailed for these courses have considerably increased, they have been used movely as "unribustated for in several places the close that the state of the provided Courses." When the art the disability provided the passing on to the Specialized Courses.

In Utiler the relation of the Preparatory Course to the Specifical Course is best appreciated. This, on eachy in a some nature due to the first blat nearly every schools in the province is organized and admintant the state of the state of the state of the state of the states, but is also neitrically one-creal in the teaching, and by direct context with the state of the state of the state of the state of the states, but is also neitrically one-creal in the teaching, and by direct context with the state of context direction in the exception of that as originated appears as intering a County School. Here the administration and originators as the state of the tensor of the state of the s

the control for control for control for control for the control for control fo

Outside Belfast, Dublin and Cork, the attendance at the Engineering Courses, both Mechanical and Electrical, has been but small. This is to he expected when one considers the positions of the scarce of the Rap-soring trades on the expense of providing properly compyed labora-tories and workshops for such courses. In Londonderry, however, Mechanical Rapineering is receiving apreads consideration; a laboratory has been fitted up, a workshop is being equipped, and on the sound conduction of demonstry classes, lidd in past secoses, is growing a healthy Engineering Department,

In Belfast and Dublin alone are the numbers attending the Building In Bernst and Description while in almost every district there must be a fair number of those concerned in the Building trades, and while almost every School makes provision for classes for these trades, the numbers in attendance are so small that few Schools can afford to run separate classes for advanced and elementary pupils. This poor attendance seems to be doe in some measure to a neutral attitude of employers towards the Schools.

The inducements offered by the Regulations for Technical Schools are leading authorities to treat the special classes for women in a more systematic manner, and to provide courses in Domestic Eccumy instead systemace manner, and to provide outress in Domestic Economy instead of mere closes in Cookery and Dressmaking. Those courses usually comprise Cookery, Needlework, Dressmaking, Lawadry and Housewifery. Hygicze, Home Nerwing and Flint Aid to the liquived are also often added. As yet, however, little real effort has been made to treat the different subjects as essentially parts in a course of Domestic Education. or Housewifery—seaching them so that the relations that should exist between them and the economic management of a home may be clearly recognised. The want of suitable accommodation has no doubt retarded development. This has been recognised by the Rathmines Committee, and they have obtained a house in which their courses are held, and a sound endeavour made to unify the aims of the classes. In County Galway labourers' cottages have been rented for the same object.

Here it may be noted that the value of instruction in Domestic Economy and of the training that the Schools can give in those subjects is so well recognized that the National Board pays the travelling expenses of Twenty-five such classes were held and were attended by upwards of 500 teachers, of whom 492 presented themselves for examination at the close of the session. It is expected that the majority of these will present

themselves for another course of training next year. The only scheme in which any important change was made was that for

County Cork. The Urban District Council of Queenstown decided to withdraw from the joint athens and formulated one for that town. This change entailed a financial less to Queenstown for the first year at least of their working alone, and, though they employed jointly with the County Committee some of their teachers, the progress of the School has been retarded. At Bangor, Carrickfergus, and Newtownards the new School buildings

were completed, as was also the extension of the Belfast Municipal Institute, but it was tate in the session before the buildings were ready

for occupation by the classes.

At Limerick, Cork, Larne, Ennisourthy and New Ross the buildings At Immerior, Core, Larne, Emmeriery and reverse to the previous report are progressing, and at Emmiscillen the infirmary in connexion with the old jail is being altered and re-fitted, so as to provide accommodation for the classes in this town. Steps are being taken to build at Arklow and Baltinglass, and at Portadown the attendance is increasing so much that it is evident that larger premises must be provided shortly

The County Fermanagh Committee maintain at Enniskillen a School for the training of lass and crochet teachers. The course of Training comprises instruction in Drawing, Besign, Business Methods, Laundry, Hygiene, and either Luce or Crochet making. As yet the numbers presenting themselves for training are but small, but there is no doubt that the project is a wise one, as without competent teachers, capable of modifying existing designs and preparing new ones to order, and familiar with ordinary commercial transactions, no improvement in the teaching and management of the Lace and Crochet Classes in the county can be effected.

Mr. O'Sukatvan, Art Inspector, reports:-

SECONDARY SCHOOLS,

In Drawing, sound educational work was generally done; the standard reached was decidedly good, and a slight but distinct improvement on the work of last year was noticeable.

A stace has now been reached in the best Schools, where only slight

ratisation in the quality of the work done is likely to take place from year to year.

Must of the teachers take great interest and apply themselves vary indisartionally to the work, and in the Schools where only a low standard was reached, it was, in many cases, due to circumstances over which the

and remarks, a risks, in somy constructed, such as beneficious time, municially equipment, or imprecisions.

Only a few Girls' Schools and way few Boys' Schools take the special course in Drawing. The number would probably increase, it is were realised that the subject, as well as a subject to the probability of the subject, as well as a subject to any proclassion, and according to the subject, as well as a subject for any proclassion, and according to the subject to

most important for those who wish to become Artists, I. Rugineers, etc. Modelling in clay was taught in only a few Schools.

In Model Drawing, the standard resched varies much more than in any other subject of the Drawing Course. In a few Schools excellent work was done at this subject, and the pupils to the Special Courses were simple. These exercises exceeding each interest on the part of the pupils, and added considerably to the practical and educational value of the subject. Trave overing to spart to statistic deals deconnected in subject to a state of the subject of the pupils of the subject of the

DAY TRADES PREPARATORY SCHOOLS.

In the Day Trathes Preparatory School; the teaching of Draving labou, on the whole, way sathifactory. The courses have been drawn up on precised lines. Stitchle examples, such as details of Machinery, drawn selected and most a example in Madel Draving, and precised lines. Stitchle examples, such as details of Machinery and Company of the Company of

Are Classes and Schools of Art.

The Technical School Art Classes produced good and nasful work during the year. The unequal attainments of pupils joining there Schools still add to the difficulties of teaches of the Preputatory and First Year's Courses.

The Schools of Art satisfactory progress was made, but in the Craft

In Schools of Art satisfactory progress was made, but in the Craft classes, both in the Technical Schools and Schools of Art, shough "works" have been executed which were good and erron excellent in technique, and showing that sufficient attraction was poid to Drawing, Principles of Ouament, and Dasign, there is room fee much improvement in this direction in many Schools.

MR. TURNBULL, Inspector for the Southern District, reports .-

The County Schemes were bosed on the experience of previous presions and had certain features in common. Manual Instruction in Woodwork was provided for boys and young men in all counties, except Limeruck. Manual Training in Woodwork, with accompanying drawings in plan and storation, has proved invaluable in developing manual doubterity and were also employed, either consentration of the different boxes, an grain were also employed, either consentration for all offerent boxes, an grain grain of the consentration of the consentra

instruction to trademon in Building Construction, Curposity and Jointy, Wood-energing and Indiced subjects which were of use in the daily course parties of the students. Provision was made by all consists for the instruction of the students, and the students of the construction of the students of the

County (von van the only county which admond systematic counts; in contrast with a contrast county of the county of th

Instruction in Art by means of Ptenerant Instructors was continued in Counties Cork, Kerry and Waterford. In the first-named county a good

Consider Series, four Westerford. In the find-among somely and the a Institute carries position, plactures, producer, well-owners and another control of the control of the

Scholardings for Primary School boys, tenable as Secondary, Technical or Day Trades Preparatory Schools were swarded by Counties Kerry, Toppearus, (N.R.), Limarchic and Waterford, but experience since the inception of these Scholardings has shown that it is difficult to bridge the histost between the Primary and Secondary Schools, and further that the general programme of a Secondary School is not the most unitable for boys

programme of a Secondary is avowedly intended for trades.

Soldership for the versing of girk in Raisformi Schole of Demotic Commer seaso season of the Commer Schole of Demotic Commer and the Commerce and the Comme

CUTY AND URBAN SCHEMES.

Schemes of Technical Instruction were continued in the County Baroughs of Cock, Limerick and Waterford, and in the urban centres of Clonmel, Queenstown, Trales and Tipperary (Joint Urban and Rural).

(a). Instruction in Pure and Applied Science.

Gord and Quesastown are the only two of these centres that have used paripped vortables for Engineers, with a correspondingly well developed Engineering Centres. Classics rushs next in its sugineering centre, while the contract of the con

a Course in Machine Construction and Drawing.
The George in Building Trades subjects was very efficiently treated at
Channel, Trakes and Waterford; steady progress was made at Limenck,
but the classes in Get were poorly attended, owing to various causes. In
none of the city centres, however, was the attendance of Building Tradestudents commenturate with the number and needs of the weekers.

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of the Marter Pimbers, recognized the Green, and the opportune of the Marter Pimbers, recognized the Green, and the opportune of the most proceeding specific process, proceedings of the most proceedings of the process of the proces

(b). Day Trades Preparatory Schools.

Day Tenken Progression of Monta, and Day Churren for Apprendices have a calculated during the past and re-wisin. The Dataset are the more manifested manifested progression and the past an

(c). Day Classes for Apprentices.

While the Day Trades Preparatory School acts as a counceting link between the Primary School and the period of apprenticeship, the Day Courses for apprentices make prevision for those who have already biguin their life's work. These classes are conducted by instructors at contheir lives work. These classes are conducted by instructors at con-venient house during the day, and med lates than 6 p.m. Employers of labour undertake to give their apprentices time off for attendance at the day classes, and since the latter are considered as equivalent to working neurs, there is consequently a very regular attendance. The employers are satisfied that they do not lose by such an arrangement, owing to the are satisfied that they do not less by such an nrangement, swing to the increased skill and intelligence of the apprentices, who show their super-ciation of their print in evening classes. Day classes for apprentices have been an existence in interactic for several years, and separate course were drawn up for Hugmeers, Building Trades students, and Painters and Decor-tory, but the only recognized Course than permanded during the assistion, 1001-2002. ntors, but the only recognised Course that persuson during the seamin, so-lo, was that in Engineering, which was well attended, atthough the stan-dard of instructors was not high owing to the defoutive general education of many of the attdents. The master halliers of Fermory have acted in a praiseworthy manner in having permitted their apprentices to attend Day Classes each year since the Session 1905-07. The instruction has proved very suitable, and very satisfactory progress has been made by the students. Good Approntice Classes in Building trades and Engineering subjects were conducted in the Gleamel Technical School during the three seasons, 1906 to 1906, but, owing to the development of the Day Trades Preparatory School during the past session and the limited staff of the school, those classes could not be continued. Similar classes were opened at Waterford last year; the attendance and progress of the students were enoughing, and augment well for the future. An attempt was made to establish Apprentice Classes in Traleo, and there was promise of success, but the classes had to be diskanded after a few meetings because of the lack of co-operation among the Master Builders. The Tralec Committee, however, may be able to re-organise these classes.

(d), Schools of Commerce and Commercial Courses

The development of Commercial Instruction within recent years has been

(a), Schools of Art and Art Courses.

Scholar of the Scholar of Art road Art conference of the Scholar o

SEDONDARY SCHOOLS

The teaching of Experimental Science, Drawing and Woodwork shows gradual improvement. Many Schools have adocted Courses for the shard and fourth years of study, and lassed their choice on educational grounds, with a view to providing the kied of training most benefitial to their

stabilitie, whereas formerly the Gaussia was subsided more from the point of wise of what the teachers ever qualified to major, irrespective of the requirements of the pupils. For example, the majority of Garles Schools have given up special corners in Geneticy and Physics, and object of the control of the distriction, working on all theorems and the corridor of the control of t recording of observations, the Department's Courses influence all broughes of School work, and in past years have helped to enhance the value of Secondary education. At the same time it is still to be regretted that the permittous system of repeatedly changing teachers should be permitted to continue, as it is detrimental to the best interests of education.

PRIMARY SCHOOLS.

Drawing and Manual Instruction were continued at Primary and Industrial Schools. Of the forty schools taking Drawing, nearly one-half of the number obtained the highest award for excellence. Only eleven Schools, however, included Manual Instruction in Woodwork in their Programme, and seven of these were Industrial Schools where the Manual training was helpful to the boys who were learning trades.

Experience of the organised Courses of Instruction in Technical Schools has shown that, by adopting curricula of study along lines most suitable to their respective callings, the students have derived greater hencest than under the old system of more or less discusser study. The Preparatory Courses, of which much was expected, have failed in most of the smaller centres, where the available students were too few to term successful classes; there was a good demand for them in the city and larger urban centres, but satisfactory attendances were maintained only when the teachers proved of more than average ability and energy. General progress was marked by the increase in the number of Schools of all types, by the greater support given to Technical Schools, and by the

continued demand for instruction at Itinorant Courses in rural centres. Mn. Small, Inspector for the North Central District, reports :-

COUNTY SCHUMES. No new features of importance have been introduced into these schemes,

but the work already set in operation has been steadily extended and The Itinerant Courses in Manual Instruction and Domestic Economy

have, almost without exception, been most successfully conducted and supported, and, both in new centres and in old ountres revisited, there is evulence of a keen deale to make the most of the instruction provided. The difficulties of obtaining suitable premises continue, and in some few authors contras difficulty has been experienced in forming two clauses per day, so that the time of teachers has not been so fully utilized as is

Short Itinevant Courses of Commercial Instruction in Business Methods. Book-keeping, etc., were also given when the Commercial Instructors were set from from the Winter Session in the Technical Schook. The local see from the winter Session in the Technical Schools. The lotal interest taken in these Courses has been very satisfactory, and instruc-tion of this type appears to meet a want felt in the smaller towns with populations from 800 to 3,000.

The interest evinced by some of the local Committees is most gratifying, but unfortunately there are still a few districts where classes are rurely visited by members of county and local committees Lace classes have been conducted in County Meath and in County Bublin, and some definite progress has been shown on the work of previous years. There is, bowever, for toe little local interest taken and effort made to put these classes in a position to become self-supporting, and the prospects of their ultimate success are remote. Either they must be taken over and run as part of a large humbers organisation, which will give due attention to the collection understanding of goods, prompt dispetited of orders and an extra contract of the property of the providence of the contract of the contract of the contract of the dearn. The class in Wood-carring has been continued at Stredbally (Queen's County), but it is in a similar position to the lare citizents.

Nomen de Annuary, nou or est in municip personal are un indenduta for boy and grist. The scholarithy for love, hore been held at Arrapsus secondury achieves, where a general intermediate coloration has been a superpenditure of the scholarity of the scholarity of the scholarity of Manual Induction. The relabolation for grist makes been held at Eccidential Scholar of Damaste Ejeomery; the Grissepton of the Annual Induction. The relabolation per grist for the property of the scholarity of the scholarity in the scholarity in the scholarity of achieves the scholarity of the scholarity in the scholarity of the scholarity of the scholarity in the scholarity in the scholarity of the scholarity of the scholarity in the scholarity in the scholarity in the scholarity of the scholarity in the scholarity in the scholarity in the scholarity of the scholarity in the scholarity in the scholarity in the scholarity of the scholarity in the scholarity in the scholarity in the scholarity of the scholarity in the scholarity in the scholarity in the scholarity in the scholarity of the scholarity in the scholarity in the scholarity in the scholarity of the scholarity in the scholarity

COUNTY BOROUGH AND URBAN DISTRICT SCHEMES, INCLUDING TROUBLEAL SCHOOLS CONDUCTED UNDER COUNTY JOINT SCHEMES.

The operations of the Technical Schools generally show a record of steady usefulness and increased efficiency, although no remarkable increase in numbers one be recorded.

The aims of the instruction are gradually becoming clearer on the gart of holt Committees and teachers: while it may be said that the

represent at all the shocks are assertly restricted by function under the date in stitling of the results of th

isamento an they mark colory desired effects, for if of promine.

The requirement of the Regulations for Technolo Schools, etc., here induced a careful array of the field of operations in one desired of great service. In Insup course, however, subjects are resulted when have not a farred hearing on the occupations or requirement of subsect have not a farred hearing on the occupations or requirement of subsect have not a farred hearing on the occupations or requirement of subsect have not a farred hearing on the occupations; for subsect of the companion of the c

stime, which an agesticated instructions which it is discratical to being to meet a which is the part and that the results of the Propartiery Correction A. which, it is, we and that the results of the Propartiery Correction in a generalized correct of institute and interestive, we add not enquire the part of the partiery of the proparties part and for the institute of reduced partiers and the term and the partiers and the partiers and the partiers are proportionally retaining, that a partier partiers are proportionally retaining, and in the proparties of the proparties of the proparties of the proparties of the partiers and the partier properties of the partiers of the partiers

The policy which endeavours to have students classified as "specialized" at the surflest possible opportunity, so that higher rates of grants may be sessined in not wise, and some of the early falling off in attendances can readily be traced to the effects of this procedure.

The concurrent instruction of students of varied types in certain classes. such as Mathematics and Geometry, is not securing the hest results pos-sible. In the smaller schools it is difficult to avoid this overlapping, but by a more extended use of the Preparatory Course, and then by the applicaa more extended use or are rependency Course, and the regulation of the regulation permissive of a two years' specialised course in small schools to provide really specialised courses for definite types of students,

some improvement might be made possible.

The influx of students to Technical Schools is a matter of some irresulargey, both in time of their entering schools and in the sources from which they are drawn, and it is most important in the interests of future developments and of stability in the School organisation that some definite line of action should be taken to ensure that the advantages and opportunities afforded in Technical Schools shall be made known to likely candidates for admission, such as National and Secondary School pupils leaving school, couployés in the various branches of commerce and industry, etc. Many pupils of Technical Schools in recent years have been those who were already well advanced in their business and who utilised the novel instruction afforded, but, as a class, the supply of such students is soon exhausted. and there is needed some more systematic dissemination of information than has yet been generally adopted; in this connection much remains to be done in seeming the interest and sympathy of National and Secondary School teachers. It is not sufficient to trust to promiscuous advertising, to the influence of students on their fedlows, and to the realization, smally late in lafe, of personal requirements for advancement in hydress To aid in making the operations of Technical Schools more widely known.

much carrier in the year than is at present done; such information as students require should be available early in August.

The beginning of the winter season is frequently delayed by the unpreparedness of the general programme, and throughout the Schools in North Leinster an earlier beginning could be made with great advantage. The slow entering of students and the resultant difficulties in class inskruction do not constitute, as is sometimes supposed, an argument for a late beginning. Only by consistent and stronuous efforts extending over as period of years, can improvement in the matter of carly emolment and punctual commencement of classes be made, and it is known that the results will ultimately justify the efforts put forth. The evening hours available for instruction are so limited in number, and the attendances made by students generally involve such sacrifices, that the very highest skill in organization is required and should be brought to bear on the

An increase in the quantity and an improvement in the quality of the homework of students is being steadily effected, but the systematised

Additional premises have been secured in Birr and Ringsend, and the

equipment has been advantageously rearranged in Durdsell.

It is hoped that the erection of new buildings will shortly be under-taken in Rathmines and Navan. There are other centres (Drogheds, Tollamore, and Maryhoro') in which the need for new and suitable huildings is very urgent to scenre a continuance of the good work being

In the County Borough of Dublin, the administration has left much to In the country havings of Lorenz presents in operation were continued, but the experience of former possions was not utilized to tope effectually with the serious problems arising in respect of overcrowding, arrangement of classes, and extensions of the instruction necessary for the

An interesting experiment was made in Rathmines in a six-weeks' course

d Household Management, held at the conclusion of the warter session. The classes met for five hours daily, on five days coth week, and the in-The casees not for are nours camy, on the case seen reas, and see cast actuation included Cookery, Laundry, Seving, Hydicne, and Frat And, and the Keeping of Accounts. A limited number of students was enrolled, and the results of the course were distinctly satisfactory. It is hoped that courses of a similar character will be organized in other centres. Instruction in Domestic Bennemy to National School teachers was set in operation in several centres, and proved eminently advantageous.

Day Trades Preparatory Schools were continued at Ringsond and Binckrock, in conjunction with the other operations of the Committees, and the instruction given was very suitable in type to the needs of the pupils, who goversily obtain employment in business houses or manufacturing

The intensive of reads of the Technical Instruction Committees, to which references has already been made, have also been responsible for the slow development of School likuraires. It also that much real value would actual to the provision, in Technical Schools, of the specialised instruction furnished the Schools of the specialised instruction furnished the School. The critical problem Likuray does not fulfill the requirement, and in it the specialised controlose required are selfound to the specialised controlose.

The School interests might also be generally breadened by a variety of occasional lectures upon subjects of including, therefore or other interests of the second offers have been defer his order. In the direction, the formation of a few law of the second heavy a morful example, but much more of this type of indicatal instruction is destrable, so only from the immediately unificiants point of vurney but with the object of footering the interests and symposition of schooling in the Technol School work as a real free in their minimal in the Technol School work as a real free; in their minimal in the Technol School work as a real free; in their minimal technologies.

SECONDARY SCHOOLS.

The general standard of Science teaching has been artifactorily mantismed during the scessor, and in particular cases work of a excellent character has been secured. The total number of schools (70) in the district which provide course in Science naterection in the same as late session, two new schools having replaced was others which have fallen cet. The schools, with only a few exceptions, are provide commodation are wall orquiped much, most of the cettler blackshores having been remediblical or replaced by more suitable regime.

modelsted ar righted by more suitable recons. These via a resploner, whose The estimates are generally need, abstractively happened represently as the respective of the respe

time is wasted.

In this respect there is not much to choose between specialised teachers

and tackers selly perchally excapted in Stease tecturing.

These allit papers is to disable in particular pupils into the work of both and the particular pupils and the work of both subfactory of all. Ideas of browlighten, provided opportunities of the particular pupils and the date progress made in axes Stokets. Tolchest complain of pupils that due progress made in axes Stokets. Tolchest complain of pupils with the particular pupils and the present before trends in axes all years where the pupils are the proposed of the particular pupils and the present before trends in axes all years where the pupils are all the Proposition Grade work, including Notices. The average of the particular pupils are all the Proposition of the proposition of the particular pupils are all the proposition of the proposition of the particular pupils are all the proposition of the particular pupils are all the proposition of the particular pupils are all the particular pu

or very sample experiments, and unant sais management distinct in reclaims as efficient standard in a number of Schools will hardly be reached.

There is no evident effort being made to withdraw the Mensuration portions of the First Year Syllabus to their proper sphere in the Mathematics closers, and the ideas of investigation which could well be intro-

duced through Mathematical classes are wanting. With this handcop it is not surprising to find that many Schools do not adequately cover the Syllsbus, and that the Sections on the Measurement of Time and on Heat are onlithed.

More attention to the applications of the principles taught in the First Year Course, and to the historical development of the subject in the Second Your Course would add greatly to the pupils' interest. The Department's rule allowing pupils of a weaker standard to repeat a course has been very generally availed of, and there is clear evidence of its

utility and value.

In this district, 394 boys and 207 girls repeated courses, and of these
500 were in the Preliminary Course. So far there has been no should of
this provision, and isobools appear to find it most helpful, while Irapectors
upon occasion recommend certain pupils for repeat courses.

The Development of the policy for references to the second of the control of the

PRIMARY SCHOOLS.

A very satisfactory standard of Drawing continues to be manatumed froughout the stearlier. As teacher for Schools which that the saliged. In certain Schools, where definitely graded submus of vertices the contract of the saliged forms of the saliged forms of the saliged forms of property arranged schools of study in all Schools is very necessary. In Standards I, and II, a very vectors improvement has been effected in most School why undistributing paper for alrele, but a general use of paper most School when the saliged for the saliged forms of the saliged forms of the saliged forms of the saliged forms.

The size of the classes, particularly in Bandwith I. and II., still renders the work of tending externing rations; the average number of papils during the past assesses in each class being in Standwid I., off; Standwid II., off; Standwid II., off; Standwid III., off; Standw

Dr. Garrery, Inspector for the Northern District, reports i-

COUNTY SCHEMES,

Each of the size counties in Utter had a Schme of Technical Instruction in operation during the past recoins. The oblects and organization in operation during the past recoins. The oblects and organization Down Schmess death work with the Liveral Distruction. The past residence continues contains and Livera Distruction, which count due appear indepencent of the contract of the contract of the contract of the contract of recognization to as to provide Technical Schools in the continue of the counties of the contract of the contract of the contract of the Partial, Bullyshar and Astrine. In the remaining, are counties after Partial, Bullyshar and Astrine. In the remaining, are complete after Partial Consider of toward within the county, which were not otherwise provided for. The Londonderry and Viyens Schmens are in charge of Principals who not only out a overcation, but one also experienced in the control of the control

is close supervision of the Sobools by an experienced teacher.

In all the commiss itinerant classes were held. The number of the courses was 110, of which 48 were in Woodwark, 59 in Domestic subjects, two in Commercial subjects and one in Art. The number of courses held was smaller than in the previous session, owing to the tendency to increase the duration of Domestic Economy Courses and to contralise the work in Technical Schools. The latter tendency is one which will require to be carefully watched, lest it should lead to neglect of the Rural Districts. The interest in stimurant work has been well maintained, but in some cases the neglect to form a local Committee prior to the opening of the classes led to their being but slowly filled. The type of work carried out was creditable and suitable to the districts in which the courses were held. creditable and sultame to the circums in which in bosons and labouring The great majority of the students were of the farming and labouring classes. In the evening Woodwork courses it is now the universal practice, after a sufficient training in the manipolation of tools and the construction of the more useful joints has been given, to proceed to the making of articles such as are in constant use about farms. Many of the students have bought sets of tools and continue to employ the knowledge gained after the courses have terminated. In Domestic work the instruction tends to become less specialised and to cover a wider range of household work. It must, however, he noted that where the work of Domestic Instructresses is confined entirely to itinerunt courses, necessarily of an elementary character, many of them gradually lose in freshness or manner and broadth of treatment of their subject. This is not noticeable in the case of those who are partly employed in Technical Schools, and points to the need for the infusion of new ideas and higher ideals by Summer Courses or other means

The state of the s

The School for the Training of Lace and Sprigging teachers was continued at Emmildien, and has trained a number of teachers not only in the industry itself, but also in commercial such the Joint Committee and the such as t

successful thin had been activities. In the former as excisient buildings assumed the former and pulls against at a smaller of jet decay, the same, but the equipment and errangement of it are only of the pulls of the pulls of the pulls of the pulls. In the pulls of the pull the pulls of the

A serious difficulty is new with in the smaller County Schools, sweng of the impossibility of providing spears advanced classes in such a variety of subjects in air untilly tangle. The chief remedy for this seems to be to attempt a such as when a superior of the control of the country of the control of th

COUNTY BOROUGH AND USBAN DISTRICT SCHIMES.

There were again II Independent Urban Schome in spection during To boung of the Tuchnical Scholes consisted under these Schomes and To-house and the Common of the Common

The originary has generally new with cased for any willing among the control of t

Detective Science.

It may textherize any the side that the Evening Technical Schools now take it may textherize any many the education of the years geopie of the Northern District. In 1 at the education of the years geopie of the Northern District.

In 1 the other air Schools three were decrease, but these we extract the state of the schools that were decrease, but these we very alight, except at Lurgon and Coleraine. The net result was an increase of over 10 per cent—more than 1,000 additional stockers.

Coming to the work bone, it is notweethey that the rate of green's detections in the composite flowancy and Commercial subject. Other contracts are subject to the contract contract and contract contracts are study to the contract contract and the contract contracts are subject to the resolution are contract to the contract contracts and the contract contracts are contracted in the contract contracts and are contracted in the contract contracts and contracts are contracted in the contract contracts and the contract contracts are contracted in the contract contracts and contracts are contracted in the contract

The work done in the Specialized Course has been generally good, Much architasis was shown by the teachers; the instruction gave evidence of caseful preparation, and a good proportion of the students devoted cutra time to Home Work Decreises. These exceeds have not the past section been more than 100 per compared to the past section been more than 100 per compared to the past section been more than 100 per compared to the past section been more than 100 per compared to the past section been more than 100 per compared to the past section in the past section is the past section in the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section in the past section is the past section in the past section in the past section is the past section in the past section in the past section in the past section in the past section is the past section in the past section in the past section in the past section in the past section is the past section in the past section in

Them non-emergency actions in the property actions of the property of the prop

accessfully taught at Beltest and Lungan.

The Building Trades Coerae is of very alow growth, but is some of the Schools—ackide Beltest and Carricitergus—activatory numbers were enrolled and good reed done. In most of the other achools, north-richard-ing the efforts made to acture good change, the upport given was

Commencial Courses have been established in all the schools, said the socialist of the work has no let been incoming an eight be regarded as excellent of the work has no let been incoming a might be regarded in the significant of the single content to significant or the significant of the size of the size

Art Courses have been taught in each School, the principal centres being the Schools of Art at Belfast and Derry.

Further efforts have been made in the past year to avoid waste of energy on the part of students. Many of them do not realize the best line to on the part of students. Many or torus do not realise one own has to follow and spread their attention over ill-related groups of subjects which bear too slowly towards the wished-for end. In several cases, general courses, giving the necessary training in as complete a manner as possible. have been offered to students on advantageous terms, and they have not have been differed to succents on novantageous terms, and may nave more insided to wall themseries of them. There can be no doubt that the introduction of well-balanced courses, instead of the metroction in isolated subjects which is at present as general, well, in the long rup, make for greater efficiency, and will also send to bind the students of any course some closely together and ordinate a benefits friending of tellowships.

SECONDARY SCHOOLS.

Eighty Schools in Ulster followed the Department's Programme for Secondary Schools. Of these 33 were Boys' Schools, 28 Girls' Schools, and 10 Mucd Schools. All, except five, were Intermediate Schools, three of the five being Day Trades Preparatory Schools.

of the five seeing Day Trades repairatory Section.

Three of the Schools were recognised for the first time, and in these only
the First Year Course was taught. The Second Year Course was taken
by 75 Schools. The Special Courses followed included all those provided

TAUGRT IN Special Course of Physics 22 Schools Chemistre 20 Botany Physiology and Hygiene ... 6 Drawing 201 Special and Auxiliary Courses of Domestic Economy. . Auxiliary Course of Manual Instruction

These figures are very similar to those of the previous year, the only notable alteration being the increase of the Schools taking Beinny, The courses taken by the various types of School continue to be suitable be so much neglected in a District which contains so many important industrial centres. The explanation rests in the fact that the Interindustrial centres. The expiritaneous re-mediate Board have not yet given it a place in the School currientum. Domestic Economy she has not yet taken its proper place owing to the fact that the smaller Girle' Schools are mable to provide suitable kitchens

and qualified teachers.

The standard of work generally showed little variation from that of the for exceptional merit, and the number of cases where it was necessary to reduce grants for inefficiency was very small. At the same time it cannot be said that the best is yet being got from the Schools. Saveral causes be said that the best in yet being got from the Schools. Several cruze-operate against progress. In the first place a number of the best troubers (leave anneally, and their places are taken by others of less experience, who take time to reads a high standard. In the second place, seme-toscher, especially those trained in Summer Courses, rest content with the thing have beginden and take no means to add new knowledge or with the thing have beginden and take no means to add new knowledge cultivate in themselves the spirit of inquiry; their results a lack of interest which becomes transferred to the pupils. A third came is the wrong stitude of mind produced by the prescribing Examination system; tenchers who are accustomed to sitach absormal importants to examinations in other subjects than Science find a difficulty in adopting the right attitude

Slight improvements have been effected in the accommodation for the classes. Two new laboratories were built, and there are now 14 Chemical,

14 Physical and 57 Composite Laboratories, 10 Demestic Eccounty Kitchens, 10 Workshops and 25 Art Rooms in use in the district. These are generally suitable for the needs of the Schools, and their equipment has been maintained in satisfactory order.

RY SCHOOLS.

There were 10 Primary Schools in Ulater following the Department's Programme of Derwing. In these of those interestion in Wednerview ran also gives. The efficiency of the instruction may be seen from the tast that for of the Schools obtained the award "Excellents" and form "Good" for Drawing. In Manual Instruction one School did excellent and two good week.

Mr. McCarreny, Junior Inspector (South Central District), reports :-

COUNTY SCHEMES.

The reheme for County Wexford is administered by the County Cosmittee of Agriculture and Technical Instruction, applies only to granical districts, and provides merely for Kinerant Instruction and Girls' Sebelurships, whilst the schemes for the other counties of this district are administered by Joint Cosmittees representing both urban and rural districts, and are much more extended in their operations.

and are inter-most excessed in over operationy in giving instruction. The interment Manual Interp Technical Brawing, Fourths and non-of-she farming close form the great bolk of the students in reral centres, but makens, appreciative carpenters, blackmitth and schoolmasters are not infrequently encolled in the classes, and eccasionally a clergyman is tound at the bursh anquiring a working knowledge of tools and times.

A Course is Woodward unsuply consists of sixty boars' instruction, ground in thirty troub-not means, and it is used in rural districts to have an active does for boys ever functions placed by the second of the se

The Hinerard Instructures are occipied in conducting course of instruction in Context, Nonderova and Lanshy Work. The Syllakin of structure is consistent to the Syllakin of the Hygiens and a few lessons in Home Nursing. It is usual to correl two sets of students in a centra—sais for thirty too home tensors in Colorary, etc. of students in a centra—sais for thirty too home tensors in Colorary, etc. eighteen in Needlework. In Kildare and Wickley, Noverv, there is contextually expectable tensors to contil Lausshy Work allegacher from the Colorary of the C

During the session the Interestremes have conducted eighty-waven complete Course of instanction, which were distributed assumpt the various counties as follows:—Killemen, 22; Worford, 22; Carlow, 29; Kildere, 3c: Wicklew, 5. Teor. Converse and the Converse and Conv

work of organisation.

The teaching of Demostic Reenessy subjects in rural centres was in the main asthrontory. It may, however, be well to indicate certain directions in which the manner of conducting the ocurson might be improved; e.g., the courses due not always open or close on the appellated days; delay in

conclying defects of outprinent frequently gives in the local conversations, the contract of the contract feature feature of the contract feature feature of the contract feature of the contract feature feat

as failures. Allemony, P. Khitters, all Westfact, J. Greiner, M. Westfact, A. Greiner, M. Westfact, S. Greiner, M. Westfact, M.

Domestic Economy Scholarships for gifts were awarded moint the Wasterd and Utrilow exhibits. The seron Scholarships were richt under Line Westerd schwere were all held in the newly-operad School of Domestic Trisings at Kulmere, in this south of the collary. Of per scholarships awarded by the Schwer, in the new takken up, yed these were held to the approved School in Strendenly.

Two small industries—the Name Regresshing Factory and the Mayneoth Two small industries—the Name Regresshing Factory and the Mayneoth

Two small industries—the Nass Rug, making Eactory and the Maynocht Torothet clares—continued to receive teaching grants though the Kildare schoms. The normal funds of this scheme were asymmeted by a spread subselv for this and other pumposes, but notwithstanding this they have the matter of the frame.

The Tolothete Schom, the Carriers.

The Technical Second in Wikhlin, Note and Atty him been second; built or calculate, and permittening quitiped for the wash of Technical Instruction. In Arthorduring the exists classes were held in three hereds in surface production and arthorduring the productions with the conordinary without accommodation. To, provide this, muchinistry state only movients accommodation. To, provide this, muchinistry state Arthor, and the Withdre Coulcil build a statistic school in the control of the state of the state of the state of the country of annual operated into the extensi to catalog into the classes to include a state of the classes to include to all accommodation in these separates, buildings, The nod for a school expained of providing assumemations for all the term of the contract of t

In all the Dreblent Schools shooly accutioned chances have been considered by the Company of the

URBAN DISTRICT SCHEMES.

Independent urban schemes are in operation in Wesford, Bray, Now Ross and Binniscortly. The schools in Wesford and Bray counted or adapted buildings with extensions in corrupted iron which provide accommodation for Act and Wesdorwitz clause. In these centres the suitable schools are being erected and will be ready for occupation early in the coming scoton.

In Westford expanied ourses in Art and Commercial Sobjects have been fairly successful, but the course in Regineering attracted comparatively few students. The absence from the curriculum of an organized Propartory Course continues to react unfavorably on the development and efficiency of the school as a whole, whilst the restreted demand for interior of the school as a whole, whilst the restreted demand for inlarity of the school as a whole, whilst the restreted demand for inlarity of the school and the school and the school and the school and in the Bray school nuclei structum has been given during revent seasons.

In the Bray ashool much attention has been given during recent seasons to the working up of a lange Preparatery Gorne, and of a first year course in Commercial Subjects—with Inthy authorizery course in Commercial Subjects—with Inthy authorizery course in Commercial Subjects—with Inthy authorizery course, the Secretary of the Committee who originises the chasse in wet a whole-time officer.

The axis of of the New Ross School consists of a Principal and Departure.

The staff of the New Moss School consists of a Principal and Denestic Becoming Instructions, who are wide them offerer, and a Feeders of Fregorithm of the Principal Computer of the Principal Computer of the arrangement the Emissorchy Committee have secured the service of the same staff to conduct classes: in Emissorchy also. There has been marked improvement in the organisation of the work certified on in these work towns during the serious, and a full range of the Vertical Courses. There is however, pressing and the volutional Tenders for the Proprincipal Them is thousever, pressing and the volutional Tenders for the Proprincipal

SECONDARY SCHOOLS.

Thirty-three shooks in this district, ill of them Intermentate belondtioned the Descriptors, Programs on Emp Secondary Selection, Control of the Programs of the Secondary Selection, State of the Secondary Selection, Selection T. The Printenery Corner in Science and Descript case takes as the Secondary Selection of the Secondary Selection Sele

	Boys' and Mixed Schools		Girls' Schools	
	3rd year	4th year	Srd year	4th year
Chemistry	11	3	1	
Physics	4	1		
Mechanical Smente	2	-	_	
Drawing	3		6	S
Domestic Beonomy .			11	6
Physiology and Hygiene	_		- 4	. 4
Botany			2	1

The teaching in the Introductory Courses in Science was generally satisfactory in Girls' Schools. In Boys' Schools the teaching, though in the main satisfactory, was less successful than in the Guit's Schools, and in several instances fell much below the normal standard. In some achools where this occurred the low state of efficiency was partly due to defective organisation which cast on the Teachers a burden greater than they could hear. For example, in schools having primary departments attached there was a tendency to place pupils in the Introductory Physics Course who were not fit to take it with advantage; and in the few schools in which concurrent instruction in the Introductory and Special Courses in Chemistry was permitted the pupils of the former course did not receive the attention to which they were entitled. Detective organisation was not, however, the sale, nor even the majo, cause of the low standard of greater degree responsible for the weakness. It was usually found in the less satisfactory classes that the Teachers had not given sufficient attention to the preparation of lessons, the discussion of difficulties, the revision of note-books, or the keeping of the laboratory and equipment in good order. It is not difficult to trace some connection between these defects and the frequent changes in the teaching staff from which some schools suffer.

achools suffer. Drawing of the Preliminary Course was on the whole satisfactority implift. The progress is somewhat more rapid in Gark's Schools than in Boys' Schools, chiefly because it is much in the former to gree to thus subject two bisseens such week, whilst in the latter the practice is rather to give it only one lesseen weekly.

to give it only one lesson weekly.

The first and occord year courses in Manual Instruction and Domestic Economy were investably well taught.

Economy were invariably well taught. Chemistry as a special course subject has found much favour in Boys' Schools and septicial course subject has found much favour in Boys' Schools and septicially, in the few which find the maintenance of a third year course summyhai hikkann. In the iman the subject is taught with a fair measure of ancess, but where expolatory and a mixtellen conceau retaber than classified in a subject of the selection that the chiefly is

The standard of efficiency in the teaching of Physics and Mechanical Science is not high, but it is rising session by session The special course in Drawing is estifactorily taught in Boys' Schools and excellently taught in Girls' Schools are Dementic Economy, The special courses peculiar to Girls' Schools are Dementic Economy,

The special contest potential to cure schools and successful in Brustain Escoolsy, in Domestic Escoolsy, cornect, paintalking and successful in Brystology Physiology and Hygicase, and Bottany. The teaching is very satisfactory and Hygicase, and without any outstanding defect in Bottany.

Examinations in Drawing were conducted in the primary departments

of three Girls' Schools and twelve Boys' Schools. Of those fifteen schools, seven presented pupils in Standard V., two in Standard VI., and two in Standard VII. In the Girls' Schools the numbers examined were comparatively small, but the results were in every way excellent. Of the Boys' Schools three were classed as Excellent, seven as Good, and two as Fair. This classification is indicative of a decrease in the efficiency of the instruction as fication is indicative of a decrease in the eliciency of the neithroises as compared with that for the propeding season. The falling-off was most marked in the Mechanical Drawing of Standards III. and IV., and the Model Drawing of Standard V. Some improvement was noticeable in the Geometrical Drawing of Standard V., and in the call assowering of all the Standards above the second. In a third of the schools the puglet of Standard I. worked on paper.

GENERAL.

A new Residential School of Domestic Training was opened thin season at Kilmore in County Wexford, by the num of the Order of St. John of God. The pupils included seven girls holding scholarships under the County Wexford Scheme, and five holding scholarships under the County Dublin Scheme. These girls were comfortably housed and satisfactorily taught the various subjects of the approved curriculum.

Mn. McGann Junear Inspector (West Central Dustrict), reports :-

COUNTY SCHEMES.

The West Central District comprises the countries of Clare. Galway, Lentrim, Longford, Mayo, Rescommon, Sligo and Wostmeath. All had schemes of Technical Instruction in operation. Thirteen teachers were employed to give instruction in Domestic Reonomy subjects, and the courses generally were of six weeks' duration. The accommodation available was usually unsuitable, but the most was made of existing conditions. On the whole, the cisses were attended by a good type of pupil, the in-struction, which included all branches of Housecrats, was sound and practicul, and the roults achieved were good. Many of the courses were given at rural centres in remote localities where, owing to the scarcity of vegetables, much of the value of the instruction in Cookery was lest to the pupils. Until the "Cabbage Plots" are changed into "Vegetables. the pupils. Until the "Cabbage Plots" are changed into "vegename Gardens," little variety can be introduced into the dictary of the poorer classes. Committees might well co-ordinate the work of the Harticultural "Mills "blowwess" distances to any and Domestic Reanomy teachers and utilize labourers' cottages to give practical illustrations of how the poor man's home might, with little inpractical illustrations of low the poor man's boson slight, with little marse in expenditure, be unden more surviving racking price for the wage reason in the contract of the wage and until tool of the contract of the contract of the contract of the price of the pr

Bach of the counties made provision for instruction in Drawing and Woodwork. The courses were of some months' durution, were given the inconvenient, inadequate, and even unsaintary nature of the only accommodation available, and the long distances to be walked by the pupils, often along bad reads in inclement weather after their day's toil, excellent results continue to be achieved. In town centres the services of manual instructors are not so much in request.

Secondary School Scholarships were granted by the Galway, Mayo and Longtord Committees, and the subclarabip holders made satisfactory progress in their studies, but few of them inclined to industrial careers

further technical training.

Four County Committees made provision for the payment of capitation grants to the managers of girlf classea in industrial and domestic authorities. Only one school took up Domestic Subjects; it did excellent work. Seven gave instruction in Lacemaking, but not more than three work. Seven gave instruction in Lacemaking, but not more than three of these can be regarded as laying the foundations of industries. Two gave instruction in Machine Knitting and at one of these a healthy wellmanaged industry exists. Six lace teachers were employed by County Committees and assigned to centers where an attendance could be secured. classes and the prospect of establishing industries at the centres is regligible or remote. In this connection Committees about hear in much that industries are unlikely to succeed without local co-operation, and that the persons selected as teachers should be not alone expert workers but good organisers possessed of tact and business capacity.

In Clare a specially qualified teacher of Commercial Subjects held classes at four centres; they were well attended by a desirable type of pupil and made creditable progress.

The Monte Residential School of Domestic Economy added Gardening to its curviculum and provided an admirable training in every branch of Housecraft, but the instruction was availed of only by girls awarded Scholarships under the Westmeath County Scheme.

URBAN DISTRACT SCHEMES,

The Urban Districts of Athlone, Galway and Sligo maintained sobools on the same lines as last year. At Shap the school premises are adequate; at Galway they are consented and in bad repair, and at Athlone they are unsuitable, except for Woodwerk. Except at Sligo, where the numbers following organised courses of instruction increased, and the efficiency of the Commercial instruction reached a high standard, there was little change from the preceding session in the curricula of the schools or the progress of the pupils. The pupils attending the Sligo Day Trades Preparatory School made fairly anischetory progress in a well-designed course especially adapted to fit them for industrial caroers, but the majority of them passed on to employment before the completion of a two years' course. the low standard of general education of the cupils at the time of entering materially hinders their progress. Seven Urban Districts participated in the advantages of schemes admin-

success by joint committees of successful only one of spain, however, bad a permanent Technical Solonol, and that was dissequenced during the session by the death of the headmaster. The Urbon District of Ballion had no scheme in operation, and at Castlebar and Westport instruction was practically confused to Laccembling classes.

Of the twenty-seven secondary schools in this district which have odented the Department's programme twenty-one are attended by boys only, and six by girls only. With three exceptions they make provision for instruction in Special Courses. Thirteen of the boys' schools have Manual Instruction rooms attached, but two of these schools have ceased to teach the subject owing to the inadequate nature of the grants available; three other schools, howarer, provided instruction for their pupils at extern workshops, garls schools are all provided with good Domestic Hoosomy rooms, The this pupils attending them have reached a high standard in this most important branch of a girl's eduration. The laboratories, kitchess and workrooms are now very satisfactorily kept, the aims of Science Teaching are more correctly appreciated, less importance is attached to memor work; habits of self-reliance are inculcated, and on the whole the spirit of inquiry is developed and the pupils are trained to think for themselves. or inquiry as developed and the pulpes are evident as while to the second of Sofficient time and thought are not yet given to class and indocatory preparations, and note-book records are not as promptly and enrefully revised as they should be. Except in a few schools where pupils, the standard of ness usey message or according in a fee admitted to the First Year Course, the progress made is more uniform than in previous years and may be consultered good. Parther improvement has been effected in the desk considered good. Further improvement has been as Schemes of work are more carefully considered and systematically graded, and the time devoted to the subject and the crowded state of the curriculum considered, the progress made is good.

Of the schools taking Deaving only three provided instruction beyond as Fourth Standard. Two of these received the award, "Excellent," the Fourth Standard. and one " Good." In all very good progress has been made at ruler work and and improvement effected in the style of desk used, a higher standard of efficiency can scarcely be attained. Providor for instruction in Woodwork was made in the two Industrial Schools in the district; the workrooms were well kent and the teaching was satisfactory.

Miss Axususon (Inspectress of Home Industries), reports .-LACRICATING AND CROCKET.

The national mourning for the King caused a partial depression to the Irish Lace Industry, and thus necessarily affected the receipts of many centres during the latter part of the session. The branches particularly affected were Limeruck Lacemaking, Carrickmeross Lacemaking, and Recised Corolist. Needlepoint Lace and Clones Crochet were unaffected by this temporary depression. This may be accounted for by the facts (1) that orders for Needlepoint Lace have to be booked many months in advance, and (2) that the demand for Clones Corolist comes largely from Some fine examples of Locemsking in Needlepoint, Lamerick and Carrick-

but no extension of these industries under County Schemes has taken place in the Session just coucluded.

Crochet maintains its position as the most important and most widely distributed of our home industries. Although there has been some fluctua-tion in the demand for russed crochet during the past Session, the demand for the lighter varieties is undiminished, and it frequently exceeds the

It may be noted that centres engaged in the production of fine Clones Cooled have been fully employed, and they have sometimes been obliged to decline orders. Of course this statement applies only to first-rate work

Crocket point maintains its popularity. As the work is in much request and the supply inadequate, steps were taken to extend the industry into new districts by a special course of instruction at the Summer Course, 1910. Some successful experiments have been carried into effect in these Encouraging progress in technique of Crochet work may be reported

during the past Session; the general standard of the work is being steadily

Some advance may also be noted in design and the ornamental arrangement of details—thanks chiefly to the instruction of teachers at the Summer Course-but the artistic side of the industry will need more general attention if we are to maintain our market against the increasing competition from continental centres,

Comparison of the average Irish Crochet with continental work shows that it is artistic design rather than superior technique that makes foreign

competition so formidable.

Another aspect of foreign competition demands serious attention. This is the adoption of Irish patterns and Irish motifs—such as the rose, shamrock, cto., by the continental worker. This practice readity lends itself to fraud-especially where purchasers are inexpersenced—and the importa-tion and sale of such work in freeland must be closely watched in

SPRIGONO

No extension of the Special Tubsetry under county Schemes has taken place its the post Scheme. Tubsetry under county Schemes has taken place its the post Scheme. Realstage, Dromhaldgen, stee, have continued to protuce good work, and accept employment has been maintained by the worknow. Real scheme place the scheme place which worknow Real Scheme place to the schem also proved disappointing, chiefly owing to the introduction of a Knitting Industry in the village, which absorbed most of the local workers.

The Sprigging Industry is widely extended through S. Donegal; but the management is largely in the bands of local shopkeepers, who secure agencies from Belfast firms. It is suggested that the organization and development of this existing industry would be of more hazeffs to the country than the formation of new Crochet classes in Sprigging districts, as such classes content develop into important and productive industries, and usually end in failure. Needless to say, efficient instruction and sound management are essential to the success of such a scheme.

PLAIN NEEDLEWORK,-HOME SEWING.

This work is educational rather than commercial. Girls are trained in cutting out and fitting; making and mending; shartmaking generally teems an important part of the Course. The gar nearts prediced are mainly infor home use, or for charitable distribution. In some instances pupils have gone direct from these classes to situations with dresumakers as "improvers," and orders are occasionally executed for local drapers; but the main object of the instruction is to train girls in household seving, and in habits of thrift and sconomy. Efficiently conducted, these classes

Business Mersions.

The educational standard of Industrial Teachers is being gradually This contestional standard of industrial Teachers is being greasually raised throughout the country. This is bragily due to the instruction raised throughout the country. This is bragily due to the partent ing afforded by the Trainformen in Ord, and to the systemate train-ing afforded by the Trainformen in the Arman and the Arman general improvement may be reported in the system as made and the accounts, and of conducting the business side of the industrial that the conducting the conducting the system of the industrial forces in all of conducting the business side of the industrial forces in the conducting the conducting the conducting the con-traction of the conducting the conduction that conducting the conducting the conducting the conductin progress made is distinctly encouraging.

The deduction of a percentage from sales, to defray working expenses of industries, continues to work satisfactorily in Northern centres. The general introduction of this system into other provinces is to be desired. In districts where competition from local agencies is acute, the payment of ready money to workers is a matter of much importance.

of redety measy to workers is a matter of much importance.

Illinearm instruction in industries is now familed to Co. Cork. The

Illinearm instruction of a very simple and progressive system of leaching is needed

where no of a very simple and progressive system of leaching is needed

where no contract the progressive system of leaching is needed

satisfactory to note in principal otherwise the instruction is wreathed. It is

satisfactory to note in the principal state of the contract instruc
tion has been on sound and Proched lines; the results already obtained

and contract the contract of the contract instruc
tion has been on sound and Proched lines; the results already obtained

THE TRAINING OF TRACKERS.

The summer courses of instruction to teachers, held in July and August, provided for instruction in experisummer courses, mental science (physics, chemistry, mechanists). cal science, botany and physiology and

modelling, domestie economy, manual instruction (woodwork), practical mathematics and mechanics, hand-railing, office routine and business methods, hygiene and sick mursing, housewirely, and rural science (including school gardening). A special course of instruction for teachers of cronchet-work, embroidery and sprig-

ging was also held.

The institutions at which the courses were conducted were— The Royal College of Science, Publish the Metropethian School of Art, Bublish the Hist Tracking School of Domestic Economy, Tracking Science, Tracking School of Domestic Economy, Grand Gozal Bank, Dublish; the Menicajed Technical Institute, Beffast; the City of Dublish Technical Schools; the Christian Forthers Schools, Korth Echnaoud Schools; the Christian Perchaser Schools, Korth Echnaoud Schools, the Christian Agricultural College, Glassewin; and the Crowford Musicipal Pechnical Institute, Coll.: Special contras were arranged for members of enclosed religious orders, for whom course of instruction in experimental science, developing and modelling, and

The courses were attended by 021 teacher-students, of whom 428 received creditates of satisfactory attendance and progress; the number attending for instruction in the various subjects being:—Experimental science, 926; liaboratory art, 19; drawing and medialing, 117; demestic contents, 41; manual instruction with the content of the content of the content of the content state of the content and because methods, 19; years and sick mixing, 19; housewirely, 19; rural science (including school gardening), 90; orosched-work, etc.

The staff of instructors numbered 88, the following being the staffs engaged for the various courses:—

For Experimental Science and Laboratory Arts:—Professor

W. Rowen, asse, Priotenee T. Johnson, and, p. a.s., Priotenee T. Johnson, and, p. a.s., Priotenee T. Johnson, and, p. a.s., and J. A. McChillen, and, p. a.s., and p. a.s., p. a.s., and p. a.s., p. a.s.

M. J. O'Connor; P. Rocks, A.B.C.Sc.I.; F. W. Warwick, B.A., B.E., A.R.C.Sc.I.; G. A. Watson, A.B.C.Sc.I.

For Drawing and Modelling:—Mr. J. Ward, A.R.O.A. (Lond.); Messes, H. C. Charde; J. W. Freeth, A.R.C.A. (Lond.); J. Golden; F. Luke, A.R.O.A. (Lond.); G. G. Lynes; W. M. A. Orpen, A.R.A.; R.R.A.; A. Power; O. Sheppard, R.R.A.; Mrs. D. Barden; Misses M. Crilley; E. Emerzon; K. Fox; A. Jacob; E. Luke; G. Scott.

For Domestic Economy, Hygims and Sick Nurring, and House wifery:—Misses L. A. Baker, N.n., n.s., K. A. Corbey; O. Gentiman; M. Kerr Green; B. Hamilton, n.s.; M. J. Harding; T. M. Kolly; B. A. McVeigh; C. Millar; M. Vaughan; J. F. E. Walsh, n.s.; K. E. Warren. For Manual Instruction (Woodwork), Handmilling, and Frac-

For Manual Instruction (Woodwork), Hamarning, and Fractical Mathematics and Mechanics:—Messrs. H. O. Armstrong; W. Davidson; J. G. Edwards, A.M.I.M.E.; P. F. Gillies, R.Sc.; W. B. Jamison; G. H. Smith. For Office Houting and Business Methods:—Messrs. W. Boyd

Cooper, A.C.; R. Daly; W. Scott.

For Bravel Science (including School Gurdening):—Mr. D.

Houston, p.s.s.; Mr. G. O. Shermard, A.R.S.Sc.; Miss E. Alderton.

For Crocket Work, Embrodiery and Springing:—Mr. W.

Mulligan, A.n.C. (Cond.); Mrs. K. Breton; Misses N. Galvin; M.

Maguire; S. A. O'Nell); E. Perrival; S. A. Reynolds.

The number of teachers who have been admitted to courses in experimental science, laboratory aris, drawing and modelling, manual instruction (woodwork), and domestic economy, and the numbers of those whose attendance and progress have been satisfactory, are given in the following tables:—

EXPERIMENTAL SCIENCE.

YEAR.		First Yes	a Syllabos.	Second Ye	Second Year Syllabus.		
		Total Number of Teachers who attended the Courses.		Total Number of Teachers who attended the Courses.	Number of Teachers who attended the Courses satisfactorily.		
1901.		196	173		_		
1902,		166	116	160	110		
1903,		164	103	105	87		
1904,		129	68	128	105		
1905,		141	72	91	57		
1906,		131	49	90	53		
1907.		41	16	90	84		
1106,		91	54	16	16		
1909,		22	9	67	52		
1810,		118	47	13	- 11		

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SPECIAL COURSE IN PRYSICS.

		Third Yes	er Syllabus.	Fourth Year Syllabox.			
YEAR.		Total Number of Teachers who attended the Courses.	Number of Teachers who attended the Courses satisfactority.	Total Number of Teachers who attended the Courses.	Number of Teachers who attended the Courses satisfactorily.		
1963.	-	48	44		-		
1904.		47	33	35	24		
1905.		51	30	55	43		
1905.		30	16	48	34		
1907.		27	14	35	23		
1908.	÷	25	14	33	24 19		
1909,	- 1	22	9	21			
1910,		25	13	11	6		

		Third Year Syllaboa.		Fourth Year Syllabus.			
YEAR.		Total Number of Teachers who attended the Courses.	Number of Toachers who attended the Courses satisfactorily.	Total Number of Teachers who attended the Courses.	Number of Teachers who attended the Courses satisfactorily.		
1903.	-	68	65				
1904.		43	31	55	40		
1905.		48	29	70	55		
1906.		47	43	- 66	40		
1907.	÷	35	29	50	37		
1908.	- 1	41	26	40	28		
1909.		20	13	4.2	34		
1910.		37	26	34	9		

SPECIAL COURSE IN MECHANICAL SCIENCE.

1		Third Yes	g Syllabox.	Fourth 10	ar symmous.	
	Year.	Total Number of Teathers who attended the Courses.	Number of Teschers who attended the Courses antisiactorily.	Total Number of Teachers who astended the Courses.	Numi er of Teschers who attended the Courses actisfactority.	
	1903, 1904, 1905, 1905, 1907, 1908, 1909,	6 1 10 9 8 5 7	5 1 7 8 7 3 4 5	5 1 4 8 6 1	5 1 3 5 4 -	

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SPECIAL COURSE IN BOTANY.

	Third Yes	er Sylinbus.	Fourth Year Syllabus.		
Year	Total Number of Teachers who attended the Courses.	Number of Teathers who attended the Courses satisfactority.	Total Number of Teachers who attended the Courses.	Tesobers who	
190%	 14	10	_		
1904,	8	7	5		
1905.	4	2	9	9	
1905,	11	9	8		
1907,	10	9	13	12	
1908.	- 5	5	11		
1909,	4	i	12	n	
1910.	3	2	7	7	

SPECIAL COURSE IN PRESSURES AND HYGIENE,

Укап.		Third Yes	ur Syllabous.	Fourth Ye	ar Syllabus.
		Total Number of Teschers who attended the Courses.		Total Number of Teachers who attended the Courses.	Number of Teachers who attended the Courses satisfactorily.
1908,		18	10	_	_
1994,		11	13	7	7
1905,		16	15	14	14
1906,		12	13	200	20
1907,		21	20	16	15
1908,		12	11	15	14
1909,		4	4	16	11
1910.		Acres .	_	8	7

COURSE IN LABORATORY ARES.

Упан.		Total Number of Teachers who attended the Courses.	Number of Teachers wh attended the Courses anticinatorily
1906,	 	39	38
1907,	 	42	42
1908,		33	33
1909,	 	31	81
1910,		19	19

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DRAWING AND MODELLING.

Үнав-		Total Number of Teachers who attended the Courses.	Number of Teachers who attended the Courses satisfactorily.
1901.		80	69
1902.	 	109	106
1903.		144	121
1904.		141	138
1905.		142	140
1906.		121	121
1907.		142	139
1908.		136	186
1909.	 	113	112
1910,	 ***	117	117

MANUAL INSTRUCTION (WOODWORK).

YEAR.		Total Number of Teachers who attended the Courses.	Number of Teachers wh attended th Courses satisfactorily
1902.		20	13
1903.		15	9
1904.		9	8
1905.		18	12
1906.	 	21	13
1907.		21	19
1908.		20	16
1909.		20	15
1910,		21	18

DOMESTIC ECONOMY.

YEAR.		Total Number of Teachers who attended the Courses.	Number of Teachers who stiended the Courses satisfactorily.
1903.	 	26	15
1904.	 	78	64
1905.	 	83 80	64
1906.	 	80	65
1907.	 	81	74
1908.	 	58 50	45
1909.	 	5C	43
1910.	 	41	33

Provision is made at the Royal College of Science for the training of teachers of Experimental Science, a special group of subjects being OF TEACHERS OF arranged for those who wish to take up this SCIENCE AND ARY, branch of the teaching profession. Teacherships-in-training, tenable at the Royal College of Science and at the Metropolitan School of Art, are

offered for competition amongst science and art students. Perticulars of the competitions will be found in the Appendices. The Department have made provision for a supply of teachers of

giving instruction in some of the higher branches. Four Scholarships were awarded OF TRACHERS OF COMMERCIAL in 1904, two in 1905, six in 1906, three in ing at the London School of Economics (University of London). and have been engaged in teaching in the country under the Department's Schemes. Of those, however, three are now other-

In order to provide for the further training of Manual Instructors, otherwise than by means of Summer Courses, the Department have offered facilities to Classes at convenient centres. Two such classes were held during the session at Dublin and Belfast. These classes were attented by nineteen Instruc-

tors. The subjects of instruction included Practical Plane and The work of the Irish Training School of Domestic Economy is now being wholly carried on in the new premises at St. Kevin's Park, Kilmagud, Still-

DOMESTIC ECONOMY organ, Co. Dublin, the courses of training at June, 1910. The course of training for teachers of Domestic Economy extends over two years, but only those students are selected therefor who have most satisfactorily followed the course in Household Management, which will, in future, extend over one whole session.

A report on the School for the session is printed at page 126. students secured the Departments' Diploma as Domestic Economy Instructresses.

Classes for the training of National School Teachers in Elementary Experimental Science were conducted in the TRAINING OF Technical Schools at Ballymena, Bally-NATIONAL SCHOOL money, Banbridge, Belfast, Kingstown, TEACHERS. Larne, Limerick, Londonderry, Portadown,

wise employed.

The following table shows the number of such classes which have been held, and the number of teacher-students in attendance:--

			No. of		f astisfac	who received tory attendar gress.	
Bession.		No. of Centres.	Teachers presented for examination.	First Year Course.	Second Year Course.	Third Year Course (Rural Economy).	Total.
1903-4.		7	53	31	-		31
1994-5,		- 5	32	23		-	22
1905-6.		7	93	40	15		55
1906-7.		9	110	31	39	- 1	70
1907-8.		13	124	17	65	-	82
1903-9.		11	113	19	42	- 6	67
1909-10,		19	88	21	41	7	(2)

Special Summer Courses in Brard Science (including School Gradening) were held by the Department during the month of August. Thirty National Sciool Faachers were admitted to these actual series of when twenty-five received certificates of satisfactory attendance and progress.

There was a grest increase in the number of classes conducted for the training of teachers in Donselli Bonomy, classes being held in the following Theiniteal Schools:—Balthiridge (Co. Dundals, Killenger, Kingstown, Limaway), Limerick, Loudon-derry, Miaghersfull, Neury; Portsdown, Sligg, Trakes, and Waster-fold. Form Damided and twenty-two teachers were presented continuous to the control of th

Special Drawing Classes for National Sebool Teachers were conducted in the Technical Sebools in Coloranae, Limerick, and Portadown. These were attended by twenty-three teacher-students, but only seven were presented for examination and only oneonalified for the certificate of satisfactory attendance and progress.

CENTRAL INSTITUTIONS.

The Reports of the Dean and Council and the Registrar of the ROYAL COLLEGE OF ROYAL College of Science will be found at SCHENGE AND MATEROPOLITAN GOTHER OF THE REGISTRANCE OF THE REGIS

All of the fifteen students whose names remained on the roll at the close of the previous session re-joined on mush training the re-opening of the school on the 16th

HISH TRAINING the re-opening of the school on the 10th school of the school on the 10th school of these, fourteen completed bourstric Economy. their training during the session and secured the Department's Diploma. The session KILDARR STREET. closed on the 1st June, and the whole work

of the school was then transferred to the new premises at S. Kavin's Park, Stillorgan, Co. Dablin, which were opened on the 27th January, 1909, arrangements being made for the one student remaining on the books of the Kildare Street School to complete her training in the new school. Three Domestic Economy Teachers, not fully certificated, were

Affice Journals Scotlandy Testerers, not thiny certificated, were admitted for training in separate subjects. Of these one secured certificates in Laundrywork and Housewifery, and a second a certificate in Dressmaking and Home Sewing, the third failed to reach the standard required by the examiners in Laundrywork.

The eleven students of the Household Management course, which concluded on the 25th June, 1969, who were sy. Kxvin's Park. selected for training as teachers, re-joined on

he re-opening of the School on the 10th August, and twelve students were admitted to the Household Management Course. At the close of the term in December, certificates of having satisfactorily followed the course were course, and six of those were selected to follow the course of training for teachers.

On the re-opening of the school, on the 11th January, after the winter recess, twelve new students were admitted to the Household Management course, one of these left the school during the term, and one failed to attain the standard required for the award of a certificate. Of the others two were selected for training as teachers.

At the close of the session, on the 1st June, the names of nineteen students remained on the roll of the school.

Under the new regulations, which came into force at the beginning of the section 190.11, the Household Management course is extended so as to cover two terms, or a school a training for those situatins, but may not be selected for further training as teachers, as will enable them to secure appointments as matrons of large institutions, manageresses of boles, etc.

The following classes for extern students were held during the session, and were attended by the number of students indicated:—

Kildare Street. Adults' Class Children's Class	 Dressmaking Leundry Work Housewifery	12 14 13
St. Kevin's Park, Children's Class	Cookerv	84

Twenty-nine pupils attended the Killarney School of Housewifery during the academic year 1909-10. Of KILLARNEY SCHOOL these, two left owing to illness, and seven

or nousewifer. remained on at the close of the session, not having completed their training. Situations, with wages rauging from £12 to £20 per annum, were secured

with wages rauging from £12 to £20 per annum, were secured for fifteen of the pupils who completed their training, the other five electing to return to their homes.

The following scholarships were awarded during the year:—

(1.) Scholarships from the Primary to the Secondary School (Junior Scholarships).

Scholarships at Day Trades Preparatory Schools.
 Scholarships at Residential Schools of Domestic Training.

(4.) Local Exhibitions.
 (5.) Science and Technological Scholarships and Teacherships.

in-Training at the Royal College of Science (Senior Science Scholarships). (6.) Teacherships-in-Training at the Metropolitan School of

(6.) Lescenerssups-m-rrauming at the Metropotitan Schol Art (Senior Art Scholarships). (7) Industrial Scholarships

(7.) Industrial Scholarships.
(8.) Commercial scholarships.

(9.) Crochet-work and Sprigging Scholarships.

On the results of the examination held on the 25th June, 1910, sixty-four Junior Scholarships have been awarded, thirty Scholarships held during scholarships. He session 1809-10 have been reserved for a second year, one for a third year, and two

for a fourth year. There are, therefore, at present 97 Scholarship holders, the number of Scholarships awarded by each Committee being as follows:— County Carlow, 24; County Galway, 31; County Kerry, 3;

County Limerick, 9; County Longford, 8; County Mayo, 5; Queen's County, 10; Tipperary Urban and Rural Districts, 2; County Tipperary (North Riding), 4; County Waterford, I.

The Schelarships vary in value from £5 to £15, according to the remotences of the pupil's home from a Scoondary School; to the remotences of the pupil's home from a Scoondary School, and are renewable for a second, and, in some case, for a third or fourth year, on a satisfactory report from the Department's Inspector on the conduct and progress of the pupil.

For general conditions of the Scheme under which these Scholarships were awarded, see Queen's County Scholarship Scheme at page 293 of the Annual Report for 1908-9.

These Scholarships, of which 906 www gamifed in 1910, as a rule, over only tuition, or tuition and the necessary books and insertuments, but eighty-three pay transcent of the property of the pay of

These Scholarships are, in some cases, renswed for a second and for a third year if the progress made by the scholar is satisfactory. In other cases second and third year Scholarships are awarded to the pupils generally upon the results of the work of the previous session.

Велорт.	First Year Scholara	Second Year Scholars,	Third. Year Scholses.	Totals.
Bullymens D.T.P.S.	- 6			
Belfast Christian Brothers' D.T.P.S.	13	18	16	47
Belfast Municipal D.T.P.S.	18	50	7	55
Blackrock D.T.P.S.	14		7	26
Clonmel D.T.P.S.	13	10	-	28
Kilkenny D.T.P.S.	2	6	10	18
Londonderry D.T.P.S	6			6
Portadown D.T.P.S.	3	9	4	16
Ringsend, Pembroke D.T.P.8	40	19	10	69
Sligo D.T.P.S	11	6	-	17
Waterford D.T.P.S.	15	*8	-	23
Totale, .	141	111	54	200

One Scholar holds a Maintenance Scholarship granted by the Waterford County Joint Committee for Technical Instruction.

Scholarships at Residential Schools of Domestic Training, of the value of £15 each, are awarded to a scholarships at limited number of girls to enable them to RESIDENTIAL attend for one year a regular course of in-

SCHOOLS OF STRUCTURE AND ALL TO STRUCTURE AND ALL T

oraction what the plyment of a red of 22 of the part of the scholar, critities the holder to board, residence, and instruction during the term of the Scholarship. (Under the County Cork scheme the value of the Scholarship is only 26, 10, the scholar being required to pay a fee of 28.) Further particulars of the conditions under which the Scholarship are awarded, and the course of instruction which the scholarship are awarded, and the course of instruction which the scholars undergo, are set forth in the County Scholarship Scheme printed in the Appendices, page 282.

The number of Scholarships awarded in 1910 by each Committee adopting the scheme was as follows:—

County Carlow, 10; County Cerk, 4; County Dublin, 7; Queen's County, 9; Tipperary Urbau and Rural Districts, 2; County Tipperary (North Riding), 4; County Tipperary (South Riding), 6; County Waterford, 8; County Westimesth, 11; County Wexford,

The scholars are distributed between the various approved Residential Schools of Domestic Training as follows:

				9
iblin : Domestic Training Institute,				1
indrum: Presentation Convent,				5
inmanway: Convent of the Sisters of	Charit	y,		4
lmore: Convent of St. John of God,				14
gate: Convent of Mercy, .				14
radbally: Presentation Convent,				16
m 1 1 1 7 1 11 0 11 11	and a Life	to to	o.oon	

where Technical Sustruction Committees establish, in combetion with Technical Schools in County Boroughs or Urban Districts, for students of proved shility and ascertained need, and under the terms of a scheme approved by the Depart-

ment, one or more Exhibitions of the surroul value of £50, (enable at the Reyal Callege of Science, the Metropolities School of Art, or other approved Technical, Commercial, or Art School, that or other approved Technical, Commercial, or Art School, that or other approved Technical, Commercial, or Art School, that or other approved to the Callege of the Callege of

Six such Exhibitions were granted on the results of the examinations held in 1910, one Art, one Engineering, and one Building Trades Exhibition being granted to students of the Municipal Technical Institute, Bellast; two Art Exhibitions to students of the Crawford Municipal School of Art, Cork, and one Exhibition to the Crawford Municipal School of Art, Cork, and one Exhibition in the Cork, and Art School, Limerick. The Exhibition in Pure and Applied Science awarded to a Student of the last amend institution in 1909 was resweed for a second cassion.

At the examination for Science and Technological Scholarships and Technological Scholarships and Technological Scholarships and Technological Scholarships straining, held in 1910, sexuos sometimes of the five sometimes of the five sometimes of the Scholarships and five Technological Scholarships and five Technological Scholarships and the Scho

ment, and tenable at the Koyai College or Science. The continuous attached to these Scholarships and Teacherships-in-Training are given in Form S. 33, which is printed in Appendices, page 316. The Teacherships-in-Training at the Metropolitan School of Art

awarded in 1909 were renewed for a second senior art GHOLARSHIPS. and, consequently, as there were no vacancies to fill up, a competition was not hold in 1910. The conditions under which the Teacherships-in-Training are to be offered for competition in 1911 are given in Form S. 2, which is printed in the Appendices, page 314.

Industrial Scholarships are of the value of £80 cacb, and are renewable for a second and third year at the discretion of the Department. The object of SCHOLARSHIPS. these Scholarships is to enable selected per-

sons (who must already have been engaged in one of the branches of an industry) to take such a course of instruction in that industry, in an institution providing special advanced coarses, as will enable them to undertake the management of an industry in Ireland at the termination of their instruction.

Two Industrial Scholarships, one in Liuen Manufacture and one in Woollen Manufacture, were awarded in 1910. One Scholarship in Woollen Manufacture, first awarded in 1908, was renewed for a third year, and two Scholarships in Woollen Manufacture, awarded in 1909, were renewed for a second year.

The Scholarship in Linen Manufacture is being held at the Municipal School of Technology, Manchester. Of the four Scholarships in Woollen Manufacture, one is being held at the Technical College, Galashiels, and three at the University of

The conditions under which these Scholarships are awarded are given in Form S. 190, which is printed in the Appendices, page 318.

Commercial Scholarships are of the value of £100 each per annum, and are tenable for two years. The commercial scholarships is to enable selected scholarships. The obtain such a training as will enable them to undertake the tenaching of

bigher commercial subjects in Ireland. Eight Scholarships were awarded in 1910, the holders attending the Landon School of Economics and Political Science (University

of Landon).

The conditions under which the Scholarships are awarded are given in Form 8, 194, which is printed in the Appendices, page

The Department offered for competition in 1910 three Scholarshipe tenable at the Training School for Lace and GROCHET WORK AND Sprigging Teachers, Enniskillen. The object SPRIGGING of the Scholarships is to enable selected applications, and the school of the Scholarships is to enable selected applications, the selected application of the Scholarships is to enable selected applications, who must have had a satisfactory.

general education, to secure training as teachers of the subjects mentioned. Two Scholarships in Crochet Work and one in Sprigging were awarded on the results of the examination held under the conditions of award. Further particulars respecting these Scholar-

ships are given in the Appendices, page 319.

The list of candidates awarded Science and Technological Sobolarships and Teacherships-in-Training, Industrial, Commercial, and Grochet Work and Springting Scholarships, in 1910, will be found in the Appendices, page 320.

3.-FISHERIES.

The report of the the Fisheries Branch for the year 1909 was issued since the date of the Department's last General Report.

The Sca Fisheries were more productive than during the previous
year. Excluding salmon their value at
sea FISHERIES, place of landing is estimated at about

E364,000.

The herring fisheries of the East Coast showed expansion. A substantial increase of curing took place.

There was a decline in the spring mackerel fishery, but an

improvement in the autumn season.

The number of ressels actually engaged in fishing (some wholly
and some partially), irrespective of those following salmon fishing,
was 5,976—104 less than in the previous year; 21,787 men and 445
boys were employed—being 625 men and 58 boys less than in 1908.

Seventeen fishermen lost their lives during the year ended 30th
CASUALTIES. September, 1909, while nine first-class, eight
second, and one small, boats were lost.

Loans amounting to over £9,500 were made during the period of 15 months ended 81st March, 1910. The Department continued their policy of developing fishing from motor boats driven by paraf-

fin engines. The work of these vessels has been successful, and substantial benefits arising from the action taken in this matter are looked forward to. Instruction in the working and upkeep of the engines, which was necessary as a result of the introduction of these craft, has been afforded by the Department.

The Department continued to defray the cost of running the net mending class at Kinssle. The average NET MENDINO. Better was twenty. About two dozen persons obtained employment in consequence of the instruction given.

One hundred whales were landed during the season between May and September, 1809, at the Whaling Station WHALE FURIERIES. at South Insixes Island. From these were prepared 2,900 barrels of cil, 53 tons of guano, 120 tons of bone mesl, 124 tons of catale food, and 14½ tons of whalebone.

Since the passing of the Fisheries (Ireland) Act, 1998, a large number of By-Laws changing closs seasons cross seasons to see a season season seasons see for salmon and trout have been prepared, salmost Ash proton: Some of them are in operation, having received the approval of the Lord Lieutenant in Council. Others have been submitted for such approval.

The Scientific Staff continues to carry out the Irish International investigations for the exploration of the sea investigations for the exploration of questions investigations in ore particularly affecting the fisheries of

The Department carried out marine works at Hoobswas, county
Clare, and began the construction of a pier

PIRES AND HARMOURS. At Ballaghaline in the same county. The work of widening and extending the pier at Bunorana, county Donegal, was initiated.

The Department continued to enforce the regulations against illegal trawling, and five cases were reported under the Trawling in Prohibited Areas Presupersymmetric vertion Act, which came into operation dur-

ment to report to the Customs Authorities cases in which the Department are satisfied that steam trawling had taken place in any prohibited area to which the Act applies. The effect of the report is that the vessel's fish, if landed in the United Kingdom, becomes fortietly, and any fish so landed by the vessel within two moths of the fishing is dealt with as though it had been caught on the occasion of the fishing.

It is estimated that the yield of the salmon fisheries during the year 1909 was 38 per cent, over the averages SALMON PISHERIES, of the past seven years. The Drift Netting operations on the north and north-vest coasts, which are mostly carried on by the poorer class of fishermen, showed a very great increase in the number of fish landed. No

sign of salmon disease was observed in any part of Ireland.

The Department made the following grants during the year, on certain conditions, to the Board of Conservators of the Districts named:—

Dublin,			8	15	(
Waterford,			350	0	-(
Lismore,			150	0	(
Skibbereen,			 25	0	- (
Kenmare,			60	0	- (
Killarney,			100	0	(
Waterville,	111		25	8	(
Limerick,			150	0	(
Sligo,	***		20	0	£
Ballyshannon,		***	 88	0	C

The following Associations also received financial assistance to the extent indicated:—

	£		d.	
Lough Dorg Fishery Society,	50	0	0	
Westmeath Lakes Association.	13	2	6	
Lough Corrib Fishery Association	25	0	Ö	
Lough Mask & Carra Fishery Association	. 15	ň	ŏ	
Lough Arrow Fish Preservation Society.	10	Õ.	ő	

4.—STATISTICS AND INTELLIGENCE.

The work of this Branch, which has greatly developed in recent

years, falls under four main heads:—
(1.) The collection and publication of agricultural, trade,

and other economic statistics relating to Ireland;

(2.) The collection of information both at home and abroad on questions submitted to the Department and affect-

ing its work;

(3.) The editing of the Quarterly Journal of the Department and press-editing of other publications issued by the Denartment:

(4.) The distribution and despatch of reports, leaflets, and other publications.

STATISTICAL SECTION. This section has three main divisions—the Agricultural Statis-

tics of Ireland, the Statistics of Irish Imports and Exports, and the Statistics of Prices of Irish Agricultural Products.

The Agricultural Statistics of Ireland include the statistics of the

The Agricultural Statistics of Ireland include the statistics of the division of land, of the number and size of of size of the number and produce of crops and the numbers and classes of live stock, of the sextent and kinds of woods and plantations and of planting and

falling operations, and also of the supply and neigration of agricultural labours and the wages of the same. Special statistics are also collected as to the area under the different cleases of fruit; the extent of the several varieties of positose; the different breads of live stock; the mortality of live stock; bee-keeping; the number and production of occusaries, butter factories, corn stulls, seatch and the contract of the contract The statistics.

The statistics of the division of land and the number and classes of live stock, together with many of the special statistics, are collected annually in June. The preliminary results of the enumeration showing the changes in the area of crops and the numbers of live stock are published in August or September.

The next work is the collection of information a for the yield of the sevent crops. Beturns of the yield of hay are collected of the sevent crops. Beturns of the yield of hay are collected end of Ordober or early in November, and those of the rost crops and flax at the beginning of December. As soon as the information that collected has been transitived and compiled it is issued of [4] Rost, and [6] Flex. This method of division, enables information as to the several crops to be naide howen at as early a disc statistical information regarding each crop until almost the whole has been saved, as otherwise an ermosom estimate inglish to format. The crop reports on the other hand, which are published at intervals during the Summer and Autumn, provide preliminary information as to the state and prospects of the several crops.

several crops.

Finally, in the volume of Detailed Agricultural Statistics which
is issued later, full and revised tables are furnished showing, as
compared with previous years, the area and preduce of crops and
the numbers of live stock. In this volume are also contained
particulars as to the acreage of agricultural holdings, statistics of
forestry, and various other statistics relating to varioties of fruit,
live stock, souther mills, etc.

A separate report is issued annually on the subject of Irish Agricultural Labour. This report in recent years has been considerably extended, and deals not only with the annual migration of agricultural labourers to England and Socialma, but also with the supply of agricultural labour in Ireland, and with the wages Britain and Ireland.

The first report published by the Department on Irish Import and Export Statistics was for the year 1904, TRADE STATISTICS. and reports have been published for each

September, 1910. The returns are gradually being issued in the property of the property of the property of the property of the set of the property of the property of the property of the set of the property of the property of the property of the external trade of Ireland, but in many respect the most of the external trade of Ireland, but in many respect the internation till are within big in eye unsuitatively. As has been imports and exports are at present open to serious error, which may be an export of the property of the property of many of the property of the property of the property of many of the property of t

Annual reports are issued dealing with the movements of prices of Irish live stock and agricultural produce. PRICE STATISTICS. Arrangements have been made during the

number of reports received of prices of live stoke in extension of the number of reports received of prices of live stoke at markets and fairs, and the development of the system of reporting prices of agricultural produce sold in the principal market towns is at present receiving attention.

Two half-yearly reports are also issued by the Department on the Banking, Railway, and Shipping Statistics of Ireland. Statistical leaflets are issued to the "Press," public and private

companies and private individuals, showing:

(1.) Exports of animals. These are issued weekly, monthly and wardy.

(2.) Prices of live stock at the principal Irish markets and fairs. These are issued daily.

(8.) The number of pigs killed or bought dead by Irish bacon curers. These are issued weekly. Enquiries are constantly being received for statistical information from Government departments, public institutions, and private individuals in these and foreign countries and in the Colonies. This involves the compilation of a large number of special statistical tables each year.

The following statistical reports have been issued since the last Annual Report:—

- Detailed Agricultural Statistics of Ireland for the year 1909. Cd. 5382-1910.
 - (2.) General Abstracts of the Acreage under Crops and Numbers and Descriptions of Live Stock in 1910. Cd. 5378-1910.
 - (3.) Abstracts of the Average Yield and Total Produce of the following Crops in 1910:—(1) Hay, (2) Grain Crops, (3) Pointoes, (4) Root Crops, (5) Flax.
 - (4.) Report and Tables Relating to Irish Agricultural Labourers in 1908-10. Cd. 5033-1910.
 - (5.) Report on Imports and Exports at Irish Ports in 1909. Cd. 5854-1910.
 - (6.) Return of Prices of Crops, Live Stock, and other Irish Agricultural Produce, 1908-9. Cd. 5281-1910.
 - Two half-yearly Reports on Banking, Railway, and Shipping Statistics in Ireland. Cd. 5148-1910; and Cd. 5462-1910.

INTELLIGENCE SECTION.

During the year systematic information as to the condition and progress of the curys was obtained from time from preparation to the corp was obtained from time from preparation to the countries, and four error preparation and two fruit raig the course of the Samuratian obtained, were suffered to the Samuratian obtained, were from the countries, and the samuration obtained, were producted to the Samuratian obtained, were producted and the fruit of the Samuratian obtained where production of the Samuratian obtained to the samuration of the Samuratian obtained to the countries of the point of the samuration of the samur

The systematic collection of information by means of egg recently as been continued during the past year, and arrection. INCLUDIAL TOURISMS. Regular monthly returns have been received as the providing and the p

that flocks and herds can be properly weeded of the least profitable sole. At the some time only by such continuous records and observation can the transmission of preducing power be ascertised to a relabel amazor. It is important, therefore, that this culture is a relabel amazor is important, therefore, that this other branches of farm monagement more systematic information soleral branches of farm monagement more systematic information a soleral to act of the control of the soleral forms in Ireland. There is a great field for the useful development of anticellar coverises and exact method of accounts as applied most of anticellar coverises and exact method of accounts as applied

Among other inquiries special reference may be made to that on the organisation of the dead meat trade. Several reports on this subject were published in the Department's Journax, and further inquiries have been carried on in this matter, which is one of creek importance.

In connection with the development of special linguistics the work of constituting as if at the pursuing Linds experience for circutages of the control of the control of the control of the work of the control of the control of the control of the tables. The list is as present being printed, and where published and also is foreign Chambers of Commerce and other commercial and also is foreign Chambers of Commerce and control of the man of the control of the control of the control of the produce. At present inquiries are frequently received from foreign constricts for the names of firms of first producers, and it is the names of Linds firms and the scarge of Linds pools.

The publication of the Quarterly Journal has been continued as
"JOURNAL"
LEAFLETS, ETC.

LEAFLETS, ETC.

LEAFLETS, ETC.

Packing Eggs for Hatching, Winter Milk Production,—Experiments in Co.

Winter Milk Production,—Experiments in C Down, Potnto Disease in Iroland.

The Dead Meat Trade,

Wintering Young Store Cattle,

Winter Milk Production,—Experiments, Co. Cork. Technical Instruction in Londonderry, Bootmaking in Ireland.

Seven leaflets were re-issued in a revised form, viz.:—Results of Field Experiments in Barley, Meadow Hay, Potntoes, Mangolds, Outs, Turnips, Flax and Wheat.

In addition to the above a leaflet, not belonging to the regular series, viz::—"Potato Blight—Digging the Crop," was issued during the period under review.

The special issue of leaflet No. 14 (Pzevention of Potato Blight) to National Schools, etc., in Ireland was repeated.

The total number of separate leaflets issued during the year amounted to, approximately, 850,000. There has been a steady increase in correspondence with foreign countries and in the information furnished robusts to the Department as regards agricultural conveys approximately appro

to the Department as regards agricultural development abroad. The great increase in methods of organization for the protection and development of agricultural area of the protection and development of agriculture in the dif-

forms countries is a matter which requires the closest observation. No country on a solar to ignore the steps which other countries are taking, or to regist to compare results. The Department are now in regular communication with the Agricultural Departments of the Colonies and the chief Foreign Countries, and receive an exchange of publications which may be consulted in the Departments are moved in the Colonies.

In connection with the inquiries, statistical and other, carried on by this Branch, the Department have to achieved get the great assistance received from the Imprector-deneral of the Department of the Department of the Department of the Port of the Control of

5.-VETERINARY.

The Veterinary Brauch deals with the work connected with the paparament's functions as the Central Authority in Treland under the Disease of Animals Acts. A separate and detailed report in relation to the proceedings under these Acts is issued for each calendar year. Consequently it is unnecessary to do more in the present report than to tench briefly on some of the points in respect to the Instances of the Brauch during the twelve mentils each 2010 June, 1910.

A circumstance calling for note in the above period was the issue a course of the physical of an Corder relating to proper the physical of an Corder relating to remain the control of control of the control of the control of control of control of the control of cont

The Order came into force on 14th February, 1910, and the reports received thereunder up to 30th June following related in all to 253 cattle, of which 226 were stated to be emaciated and 27 suffered from affections of the udder.

Among cattle in Ireland Anthrax is not of frequent occurrence,
but a few cases of the disease, generally of un
ANTHRAX.

ANTHR

In the same period the total number of swine fewer outbreaks confirmed in Iveland was 85. This figure is swing fewer. Substantially below the normal. During the preceding twelve months 109 outbreaks occurred, and for the four years arrior to that period the average number of outbreaks was about 172 annually.

During the twelve months ended 30th June, 1910, 468 outbreaks of Sheep Seab were recorded as compared with 411 in the preceding year. These figures would show that the special offorts made in

recent years for dealing with this disease have not yet borne the desired fruit. The increase in 1908-10 can, however, in part to accounted for by the greater attention generally given to the condition of sheep, resulting in the detection of cases of seab which formerly would probably have remained unreparted.

A new Skeep Dipping Order, providing for two dippings manily of all sheep in reland, was sassed early in 1910. This Order lates the place of (.) the previous Order of 1807 as region relation to an Assume Dipping. Statistics as to the number of sheep dipped under the new Order will be available when the most report is being prepared. A present it is only preacticable to give the figures for 1809, when the older Orders were in good to the order of the order

The record as regards Parasitic Mange among equine animals in Irelated during the twelve months ended 30th PARASITIC MANGE. June, 1910, is, on the whole, satisfactory. Sixty-two outbreaks were recorded in this period, a slight reduction on the previous twelve months when 67

period, a slight reduction on the previous twelve months when 67 outbreaks were reported. These figures are well below the average of earlier years.

A single outbreak of Glanders came to notice during the year under review. Two horses were affected. GLANDERS. The matter was dealt with in the usual way by destruction of the diseased animals and they had been stabled.

An Order of the Department, dated 23rd May, 1910, issued in pursuance of the Diseases of Animals Act, NOTIFICATION OF 1910, imposes on Veterinary Surgeons and DISEASE BY Veterinary Practitioners in Ireland the obli-

VETERINARY SURGEONS. Viz.:—cattle plague, contagious

disease, sheep pox, sheep sonk, swine fever, anthrax, episodic lymphangitis, rabies, glanders and farey and parasitic mange, that may come under their notice in private practice; and provides for the payment by the Local Authority of a fee of two shillings and six pence in respect of each such report.

6.-TRANSIT AND MARKETS.

Under this head are grouped matters relating to-

The transit of animals;

The transit of produce; Railway rates:

The enforcement of the Sale of Food and Drugs Acts as regards butter, margarine, cheese, margarine-cheese and milk:

The Merchandise Marks Acts;

The work of the Department's Inspector for Irish Agricultural Interests in Great Britain; and

The Markets and Fairs (Weighing of Cattle) Acts, 1887 and 1891.

TRANSIT OF ANIMALS.

The carriage of live stock by railway in Ireland and their interpretation of the Department's Inspection Staff. Detailed information as to this work is published separately in the Annual Reports of the Department under the Diseases of Animals Acks.

TRANSIT OF PRODUCE. The Transit Inspection Staff consists of a Superintending Transit

Inspector and four Inspectors. These officers
THANSIT INSPECTION continued to visit railway stations and ports
stars.

stars.

stars.

stars.

inspector and four Inspectors. These officers
than stars and ports
and to report on such matters as the arrangements made by the carrying companies for

the conveyance of produce, the condition of the consignments in transit, and the manner of handling the consignments. The Inspectors interviewed a large number of merchants desling in Irish produce in the principal centres of Grest Britain with regard to the condition in which consignments were delivered and made inquiries in cases of delay or damage in the conveyance of consignments. Cases in which the reports showed that the produce had been carelessly handled or londed by the servants

PROGNERIES. of carrying companies were brought under the notice of the companies concerned, and taking any action which might appear desirable with a view to prevent recurrences. In cases of cardensness in preparing packages of producer for the anather or of the use of unsatisohe packages of producer for the anather or of the use of unsatisohe of the packages, communications of the packages, communications of the packages of producers of the packages, communications we sent to the conjugates.

The following figures will give some indication of the extent of inspections. the work performed under this section:—

- No. of Inspections made at Railway Stations in Ireland, ... 977

 Railway Stations in Great Britain, ... 34

 Ports in Ireland, 183

 Ports in Great Britain, ... 30
- Number of Merchants interviewed in Great Britain, ... 275

 A large number of inquiries were made as to the transit of various articles of produce.

Butter.

The Iuspectors report that more attention is given to the greparation of packages of butter for the markets.

PACKAGES. The boxes and the easies were, on the webol finished. Comparatively few finishing constructed and more nearly season on under notice. There was a marked increase in the use of squares or obloge boxes for the conveyance of butter from places.

in Ireland to Great Britain—doubtless due to the increased demand for butter in rolls.

Consignor are sometimes not careful in securing that the carts in which packages of butter are conveyed to prunked the packages of butter are conveyed to the railway stations are in a cleanly condition, and that the packages are protected

CONVEYANCE. from adverse conditions of weather during conveyance. The number of cases of care-tesness in these respects coming under notice was, however, less than formerly.

Increased care was exercised in the handling of consignments of MANNAISM AND butter by the servants of carrying comLOADING Danies. The improvement was particularly consistent was particularly consistent was not been carefully placed in the was noticed that had been loaded into waggons which were not in a sufficiently consistent was not the carefully placed in the waggons; or had been loaded into waggons which were not in a sufficiently carefully placed in the waggons which were not in a sufficiently carefully placed in the waggons which were not in a sufficiently carefully and the waggons which were not in a sufficiently carefully and the waggons which were not in a sufficiently carefully and the waggons which were not in a sufficiently carefully and the waggen was not carefully placed with the waggen was not carefully and the waggen was not carefully and the waggen was not carefully placed was not carefully placed with the waggen was not carefully placed was not carefully placed was not carefully placed was not carefully placed with the waggen was not carefully placed was not carefully placed waggen was not carefully placed was not carefully pl

boxes of butter had not been carefully placed in the waggons; or had been loaded into waggons which were not in a sufficiently clean condition, or which contained articles likely to taint the butter. During the season there did not appear to be any increase in the demand for refrigerator vans for the carriage SPECIAL VANS. of butter. The season was, however, on

REFRIGERATING the whole, cool.

ARRANGEMENTS. There are 30 refrigerator vans and 170 other special vans available for the conveyauce of hutter over Irish lines.

Eleven of the steamers in which agricultural produce is con-

veyed from Ireland to Great Britain are fitted with refrigerating plant. These vessels trade from the porte of Cork, Rosslare, and Waterford.

Merchants interviewed in Great Britain drew attention to the practice which extensively prevails of consigning CONSIGNING UNDER MARK. Britain. The absence of the name and address of the consignee from the package is

calculated to increase the risk of delay in delivery. There may be reasons for not putting the name and address on the package, but the liability to delay in delivery, with the resulting inconvenience and disappointment to consignees, should far outweigh any advantage which may appear to consignees, should far outweigh any advantage which may appear to consigner or result from the adoption of the practice. Any method of consigning which might increase the risk of delay or miscleivery should not be adopted.

Eggs.

The cases used for the conveyance of eggs are considerably improved as compared with the cases in use cases. The type of case for hold-six hundred eggs is constructed of much

aronger and cleaner timber. A defect observed not infrequently use the existence or in their wind person between its bosonic form-under the person of the control of the control of their control

The use of unsuitable material for packing has formed the subject of much unfavourable comment by egg merpacking chants in Great Britain, and must have marked to the detriment of the Irish egg trade. More care was undoubtedly heing

exercised in the use of dry staw are two sac times out of the way and the star of the staw are the star of the staw and the staw are the star of the s

during conveyance to the railway stations or while the cases were in charge of the carrying companies.

The absence at many of the egg markets in Ireland of suitable covered places for the protection of the eggs coverand markets. From rain, when being exposed for sale or

being nesked for transit, is of no small disadvantage to the Liris egg industry. In cortain cases the Department urged on bond bodies the desirableness of providing, as the bod and authority, as a result of representations from the Department, arranged for the excellent of a shed in which eggs could be pecked. At such are made to give an approvided, but some dislegation of the excellent of the provided of the conposition. The period is a such as the provided of the conentage of the providence of the congramment of the providence of the period of the mattern of difference, one, of as a consequence, proposals were made which, it is hoped, will result in the abel in question being which, it is hoped, will result in the abel in question being the period of the propose of the egg transport.

The practice of purchasing eggs by weight is extending through PUBCHASE BY parts of the North and West of Ireland. WEIGHT.

It was noticed that generally eggs were marketed in a more cleanly condition than formerly. Many of the lead-some boos. ing buyers how refuse to purchase soiled

There is an undoubted improvement in the handling of consignments of eggs by the servants of the carrying manulating or companies. If breakages are to be avoided, constionments. the greatest care is required on the part of

configurate and of the carrying companies in dealing with the consignments. Suitable cases, proper methods of packing and due care in handling and cases and the case of the c

At certain stations special hand-barrows were provided for moving cases of eggs. One sbipping company laid down dunnage to protect cases from getting soiled while awalting shipment, and another shipping company increased the number of battens used by them for the purpose.

Live Fowl.

The Inspectors noticed that unsuitable crates were often used for the conveyance of live fowl. The space for the number of birds was insufficient, the ventual transmission of the conveyance of

under notice in which birds had been suffocated. Sufficient bend space was not left for the birds and the crates were not divided into compartments. The absence of compartments increase considerably the risk of injury to birds during conveyance, as, in the event of the crates being tilted, the birds get thrown to the lower end.

Inquiries have been made by the Department's officers as to the dimensions of crates which have been proved by experience to be most suitable for the conveyance of live poultry.

to be most suitable for the conveyance of live poultry.

The question of obtaining power to make regulations for the traffic in live poultry is under consideration.

Fruit.

During the season, special visits were made by the Department's Imposters to stations in the fruitingrowing districts. At the principal stations from which fruit is despatched, special arrange-ments had been made to meet the needs of the trainfu. From certain station, and the station of the stations as a special fruit train is forwarded used night during the season to connect with mail trains. The siding accommodation at one station was extended for the purpose of the fruit trains.

Fish.

The Inspectors visited: railway stations from which fish is despatched and olosed into the arrangements (COMO OF made of the control of the c

In one case complaint was made that suitable waggons had not been provided for the conveyance of fish waggons. From a southern fishing station—the absence of such waggons necessifating a transhipment of the consignments. The Department made representations to the railway company, and on subscopent inquiry the Department were informed that an imple supply of passenger train whiches for the conveyance of the traffic had been provided.

Transit in Great Britain.

During the twelves months ended the 90th June last, the Transis Inspectors made 20 visits to the principal HANDLING OF price in Great British at which Irish produce is landed, and on 36 occasions visited to conveyed. There was evidence that stringers instructions had

been issued by the Companies to their servants as to the manner in which agricultural produce should be dealt with. At several stations where formerly one man only handled cases of eggs, the work of moving each case of eggs was carried out by two men. The produce was, on the whole, carefully dealt with, but in

some isolated instances the consignments were not handled with due care. In shose cases attention was drawn to the occurrences.

Satisfaction was expressed by merchants interviewed in Great
Britain as to the use of screw-coupted
waggons for the conveyance of agricultual
waggons.
Britain. This method of coupling reduces the

Britain. This method of coupling reduces the jolting in transit and must consequently minimise the risk of breakage specially in consignments of eggs.

The opinion was generally expressed by the merchants that Irisk produce reached the markets in a much improved condition. The packages were more carefully prepared and there was a less number of brenkages and of delays in transit.

Delays and Damage in Transit.

During the period 1st July, 1909, to 30th June, 1910, 69 complaints were received as to delays or damage to consignments in transit. A summary of the complaints and of the results of the inquiries will be found in the Appendices, page 417.

Railway Rates.

The Department were asked to appear before the Railway and Canal Commissioners in support of an application made to the Commissioners on behalf of a firm of agricultural machinery makers for a certain through rate between a town in the east of England and Dublin for heavy agricultural machinery. The Department did not see their way to intervene in the case. The application was, it appeared, subsequently withdrawn.

From the 1st July, 1909, to the 30th June, 1910, 62 complaints were received as to charges by carrying complaints. companies for the conveyance of merchan-

dise. The complaints related to butter, cattle, coal, eggs, fish, fruit, margarine, milk, potatoes, poultry, shellfish, etc. A summary of the Department's action with regard to the complaints will be found in the Appendices, page 468.

Six of the complaints had reference to the non-existence of through rates. In three of these cases through rates were fixed. Two cases are pending. Thirty-three of the complaints were that through rates already in operation were excessive. Reduced rates were fixed in fourtien cases and in two of these cases refunds were made. In three other cases refunds were also made. Four cases are pending.

Twenty of the complaints had reference to local rates. Reductions were made in two cases, and refunds in seven cases. In one case it was stated that a refund would be made. One case is pending.

One complaint was in respect of a charge for demurrage, and two in respect of charges for cartage.

The Department were asked to take action with a view to have the owner's risk conditions for conveyance of traffic over Irish lines conveyance of traffic over Irish lines amended in accordance with certain modifications which were adopted by the English

and Stotish Companies. The agreements which had been given High in form between Bollways Companies and consignous for the management of the control of the c

The Enforcement of the Sale of Food and Drugs Acts, as regards Butter, Margarine, Cheese, Margarine-Cheese and Milk.

The Councils of the thirty-three administrative counties and of the boroughs of Dublin, Belfass, Clonmel, ADMINISTRATION COTS, Drogbeds, Kilkenny, Limerick, Lonor AOTS. dometry, Sing, Waterford and Wexford, are the Local Authorities for the purpose of the administration of the Saie of Foods and Drugs Acks in Treland.

In thirty-one administrative counties the duties of Inspectors under the Acts are performed by members of the Royal Irish Constabulary and in the two remaining counties by members of the Royal Irish Constabulary and by local officers.

Royal Irish Constabiliary and by focus onlosis.

In five Boroughs—Dublin, Belfast, Clonmel, Drogheda and

In my Description of the property of the policy forces, in the members of the policy forces, in the Borneges—Ort, Sing and Westford—the duties are discharged by members of the Royal Irish Constabulary, and in the remaining three Borneghs—Ilmerick, Londonderry and Waterford—members of the Royal Irish Constabulary, together with local officers, act as Inspectors.

The following table shows the numbers of samples of butter, margacrine, cheese and milk taken by Inspec-SAMPLAS TAKEN BY tors in the Counties and in the Boroughs, for OFFICERS APPLIED THE MARKET STATE OF THE S

COUNTRIES.	Butter.	Margarine.	Choose.	Milk.	Total number of Prose- cutions.
Year 1909	4,302	68	583	5,232	354
Half year ended 30th June, 1910.	1,950	32	289	2,673	172
Векоченя.					
Year 1909	882	88	30	3,170	176
Half year ended 30th June, 1910.	486	.59	17	1,649	121

Tables giving detailed particulars as to the samples will be found in the Appendices, page 430.

Under sections 2 and 24 of the Sale of Food and Drugs Act, 1899, the Department are empowered, in relation to any matter appearing to them to affect the general interests of agriculture, to direct

overcome, Trans 1900.

The 1900 and 1900 are all the state of the stat

foreign to butter.

Prisoculina were instituted by the Iocal Authorities in respect of 30 of the sample found to certain an excessive propertion of 40 of the sample found to certain an excessive propertion of amount of 422 IoS, 82, were imposed. One case was distincted and two were wildness—core as council of an irregularity in the form of the summers and one on payment of code by the other control of the term of the control of limit had expired, and in the remaining 3 cases (salt firkin batter) notices as to the percentage of water in the batter were displayed at the time of purchase.

and the convent has seven samples which were found to consist form entirely of fast foreign to butter and the sample which contained 60 per cent. of foreign fals prosecutions were instituted by the local authorities in these cases. Seven convictions were elatined and penalties amounting to £37 were imposed. The remaining case was dismissed with a caution.

During the half-year ended the 30th June, 1910, 493 samples sold as butter (including 14 sold as sold as slick firkin and 5 samples sold as margarine were obtained by the Department's officers.

30th June, 1910.

The samples sold as butter, 16 were

found to contain water in excess of 16 per cent.—the excess in cases being, however, very slight—one was certified as containing 20.19 per cent. of fast foreign to butter, and one as consisting almost entirely of fasts foreign to butter. Prosecutions were instituted in respect of 6 of the amples found to contain excessive moisture; convictions were obtained and penalties amounting to 23 lbs. 11d. were improsed.

the amounting to 2.5 less. Its. were imposed to contain 26.12 per cent. of fats foreign to batter, the result of the analysis was communicated to the local authority concerned, but action for the institution of proceedings was not taken before the expiration of

the statutory time limit.

In space to the sample which was found to consist almost entirely of fats foreign to batter, it was represented those the Department that a buildin trader was suspected of supplying mixments were made to soldin a sample in course of delivery. The sample was obtained, but attempt's were made by the variance to convoye possission of the sample front the languestor. Proceedings better, and for the delivery of margarine in a wrapper better, and for the delivery of margarine in a wrapper possession for obstruction of the delivery of the contract of the results of the contract of the contract of the contract of the results of the contract of the contract of the contract of the results of the contract of the contract of the contract of the results of the contract of the contract of the contract of the results of the contract of the contract of the contract of the results of the contract of the contract of the contract of the results of the contract of the contract of the contract of the contract of the results of the contract o

Officers under the labelling clauses of the Acts appeared to have been committed in the case of four of the five samples of margarine obtained. Proceedings were instituted in respect of three samples; convictions were obtained and penalties amounting to £8 14s were imposed. In the case of the remaining sample, it was not found practicable to have proceedings instituted within

the statutory time limit

Tables giving particulars as to the samples taken during the year 1909, and during the half-year ended the 30th June, 1910, will be found in the Appendices, page 496. At the close or the year ended 30th June, 1910, five manufactories of margarine and one manufactory of marMANUFACTURE OF garine-cheese were registered with Local AND WHOLESALE Authorities. The number of premises regis-

AND WHOLESALE Authorities. The number of premises regis-DEALINGS IN tend for wholesale deslings in margarine or MARGARING-CHESSE. When compared with the figures on the 30th June, 1969, show a decrease of one in the number of manufactories of margarine and of two in the number

of promises registered for wholesale dealings. Notifications were received that during the year ended 500 June, 1910, seven registrations for wholesale dealing in margarities or margarities below the seven of the seven registeries of the registeries registeries of the seven registeries of the

Officers of the Department inspected periodically the registers which manufacturers of, and wholesale tealers in, margarine or margarine-cheese are bulged to keep, showing the quantity and

from their manufactories or places of business. Sum cases of failure to keep a register, or of not keeping the register properly posted up-to-date, came under notice. In a few cases the registered premises were not open at the time of the officers' visits. Suitable action was taken in each case.

Butter factories, that is to say, premises on which by way of trade butter is blended, re-worked, or subjected to any other treatment, but not so as to AMROARING ACT, 1807. Eved with the Local Authority of the administrative country or borough in which

REGISTRATION or the factory is situated. On the SON JULES EXPTER PACTORIES. 1910, the number of registered butter Julies in Ireland steed at 145. The factories were situated in severiese counties and sever boroughs. The number as registered on the 30th June, 1909, was 87. As regards two batter factories, which were temporarily registered.

registration has been research in one case for a further period of twolven months. Purther registration in the other case is practing. Notification of upwards of 60 additional registrations between 80th June, 1910, has been received. At statement showing the on the 30th June, 1910, the number and distribution of the registered butter factories will be found at page 459 of the Appendices.

Visits were made by officers of the Department to a number of

Visits were made by officers of the Department to a number of unregistered premises which were reported to be used as butter factories, and, where necessary, action was taken with a view to registration. During the period under review, officers of the Department made a large number of visits to butter fuctorist isspection of for purposes of impection. In no case surress pactorists, was any substance likely to be used in the adulteration of butter found in a butter fac-

tory. In one instance, small openings were found to exist in a wall dividing is alterif selectly from a baragarine factory. On the representation of the Department the openings were built up with frickwork. In the currie of the impostions at builter factories inquiry was made as to the descriptions on better and wrapper in which butter resided at the demonstration of the contract of invalidation of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contraction of the contract of the contract of the contract of the contraction of the contract of the contract

During the twelve menths ended the 20th June, 1910, offerer of anyterna TARKS AT samples at butter factories. Some of the Department foot a large number of SAUTERA TARKS AT samples at butter factories. Some of the DARTER ALCONEST, and been blossed or re-worked in the factories. In a comparatively small number of cases in which the butter had been treated in the factories, the properties of twee the properties of twee the properties of twee the properties are discovered by the properties of the properties of twee the properties was drawn to the provision of the Detter and Maryana Act, 1907, in regard to the maximum properties of water.

found on analysis to exceed 16 per cent, and the attention of the proprietors was drawn to the provision of the Butter and Margarnes Act, 1907, in regard to the maximum proportion of water 16 per cent.—allowable in butter which had been subjected to treatment in a butter factory. Under Sections 2 (8) (b) and 14 (1) of the Butter and Margarine

Act, 1907, the Department may, if they have season to believe that on any premises butter INSENCTIONS UNDER its by way of trade either made or stored, and secreton 2 (3) (b) that for the purposes of the Sele of Food and SUTHER ACT. Act inspection is desirable, specially authorized under the season of the Sele of the State and Margarine MARGARIER ACT. Act inspection is desirable, specially authorized under the season of their officers to eart the premisers.

and in such case the officer shall have the like powers of entry, inspection, and sampling as if the premises were registered under the Sale of Food and Drugs Acts or the Butter and Margarine Act. In seven cases it was deemed desirable by the Department to exercise this power. Reports having been received that margarine was supplied as butter by traders in Dublin to persons and institutions in Great Britain, special authority to euter certain premises for the purposes of inspection and sampling was issued to officers of the Department. Samples were accordingly obtained and submitted for analysis. In one case, in which six samples were taken, five of the samples were found to be composed almost entirely of fats foreign to butter. Two of these samples were taken from packages addressed to customers, one from a package which had apparently been returned from a customer, and the remaining two samples from boxes on the premises. In no case was there any mark or indication that the substance was not butter. Proceedings for not marking the packages as required by Section 6 of the Margarine Act were instituted. A plea of guilty was entered, and a fine of £10. with £20 costs, was imposed.

In another case, in which three samples had been taken, one of the samples was found to be composed almost entirely of fats foreign to hutter. The box from which the sample was taken not being marked "Margarins," proceedings were instituted against the trader. A plea of guilty was also entered in this case, and a fine of £5 was imposed

In a third case, a sample taken from a box which was not marked to indicate that it contained margarine was found on analysis to consist almost entirely of fats foreign to butter. Proosedings instituted in respect of the sample were, however, withdrawn owing to the absence of a necessary witness. Four samples

were taken at the premises.

In a fourth case six samples were taken-all from packages which had been addressed to customers. Five of the samples were found to consist almost entirely of fats foreign to hutter, but there were no marks on the parcels to indicate that they contained margarine. Proceedings were instituted for failing to have the parcels marked "Margarine." The case was however dismissed as evidence was given that the person summoned was not the owner of the premises.

In a fifth case three samples were taken. No irregularity, however, to warrant the institution of proceedings came under

observation.

In a sixth case, two samples were taken. There was no irregularity as to labelling. In the remaining case, no butter or margarine was found on the premises.

Applications for the approval of 21 names for use in connection with margarine were received by the Department during the year ended the 30th June, NAMES FOR MARGARINE. 1910. Eighteen of the names were approved.

A list of the approved names is printed at page 439 of the Appendices. For the information of the officers engaged in the administration of the Sale of Food and Drugs Acts, the Local Authorities of the several administrative areas are supplied with lists of the names approved by the Department for use in connection with margarine.

No application for the approval of a name for milk-blended butter was made to the Department during MILK-BLENDED the period.

BUTTER. No notification of the registration of any premises, in this country, for the manufacture of milk-blended butter has been received by the Department.

The Commissioners of Customs and Excise inform the Department that, during the twelve months ended the SAMPLES TAKEN 30th June, 1910, their officers took at Irish AT IRISH PORTS. ports, under Section I of the Sale of Food and Drugs Act, 1899, and Section 5 of the Butter and Margarine Act, 1907, twenty-four samples, viz.: six samples

of margarine at Dublin, ten samples of margarine and four of condensed milk at Belfast, and four samples of margarine at Cork.

A list of the Analysts acting under the Sale of Food and Drugs
Acts for the Boroughs and Counties in Ireland
will be found in the Appendices, page 440.

Merchandise Marks Acts.

The Merchandise Marks (Ireland) Act, 1909, gave power to the Department to make, with the concurrence of the Lord Chancellor of Ireland and of the Board of Trade, regulations providing that.

in cases which appeared to the Department to relate to Irish agricultural produce, or to the produce of any other Irish varial industry, and to affect the spennel interests of the country, or of a socion of the community, or of a task, the prosecution in Irishand of offeness under the Merchandiles Marks Act, 1857, should be undertaken by the Department, in pursuance of the power to grow, Irish and the American Action of the Community of the American Community of the Regulations will be found in the Appendices, pages 441.

* Up to the 30th June, 1910, no application was made to the Department to undertake a prosecution under these Regulations.

In connection with the work of preventing sales of margarine as butter, arrangements were made by the Desaulte of MAROARINE partment to have butter ordered by a purchaser residing in the country from a certain

firm in Dublin. Samples of four parcels supplied were submitted for analysis, and in three cases the samples were found to be composed almost entirely of fats foreign to butter. The article in the parcel first received was found to be butter. In each case the article was enclosed in a box on which the following markings appeared, "This butter is guaranteed to be absolutely pure," First Prize Dairy Butter," Finest Fresb Butter," Proceedings under the Merchandise Marks Act, for the application of a false trade description, were instituted by the Police. There were two defendants. The case was before the Southern Police Court on the 27th May. 1910, when one of the defendants was returned for trial at the City Commission-the case against the other being withdrawn. At the Commission in August the person charged was found guilty, and a fine of £50, with the alternative of four months' imprisonment, if the fine was not paid within 48 hours, was imposed. The fine was paid.

Much attention was given to the question of misleading descriptions applied to butter. Several cases, bescriptions, were looked into, and it appeared that, soften, pro. blended or re-worked butter had been

surgres, src. blended or re-worked butter had been described as creamery butter and that foreign and colonial butters had been enclosed in wrappers marked in a manner which might lead purchasers to believe that the butter was made in Ireland. Communications were sent to the consignors concerned, and in certain cases the descriptions were altered. The question continues to receive special intention.

Inquiries were made by the Department as to the alleged sale of foreign eggs as Irish and of foreign lace as, raquirings. Irish. Cases as to the descriptions under which serge and boots, stated to be imported, were said were also investigated. In no instance was evidence.

to sustain a proceoution obtained. A complaint was made to the Department as to the sale, as, cider, of a beverage which was not believed to be of that description. The Department arranged to obtain samples with a view to proceedings, should it be found that a false trade description was applied to the article.

Inspector for Irish Agricultural Interests in Great Britain.

The work of the Department's Inspector for Irish Agricultural Interests in Great Britain was continued. The chief oim of the Department in this section of their work is the prevention of frands affecting Irish produce. Suitable cases are brought into frands affecting Irish produce. Suitable cases are brought into parties, and cautions are given in cases in which such a course seems Ilitely to have the decired effect.

Firms were interviewed as to the use, in connection with goods not produced in Ireland, of descriptions which might lead purchasers to believe that the goods were Irish, and, as a result, the descriptions were in most instances withdrawn. In many cases the opening up of a market for genuine Irish produce has also resulted.

Butter is one of the most important products in respect of the sale of which frauds injurious to the Irish BUTTER. Industry are possible. Many cases came under notice in which butter, which did not appear to be creamery butter, was verbally described as such, but on case occurred in which sufficient grounds existed for the insti-

appear to be crossnery bufor, was verbally described as such, but no case occurred in which sufficient grounds existed for the institution of proceedings under the Merchandiss Marks Act. There is no doubt that the public stings, in Grest Britain as well as in 1 in death of the public stings, in Grest Britain as well as in Instituty, at which the descriptions proper to the different clauses of Irish butter were discussed, had considerable effect in making traders specially careful as to the marking of the butter sold by them. Several applications were received that proceedings should be undertaken against persons who had obtained Irais proteined but had not just for it. The practice appeared to be rather common to reach of proceeding proteined production and proceeding proceeding and proceeding proceeding and proceeding the proceeding of the proceeding of

In one case in which proceedings were instituted for frend in forms British, the person charges that also obtained butter from consignors in Ireland and had not paid for it. This accessed was found to be a supplementation of the process of the person of hard labour. The accessed was also extended to evely anouth imprincement, to run concurrently, in respect of the charges in regard to obtaining frish butter. A person who had been associated with the accessed was also sentenced to twelve months' regard to obtaining frish butter. A person who had been associated with the accessed was also sentenced to twelve months' contributed by the person of the person of the person of the entity of the person of the person of the person of the person offerer than the person charged had obtained butter from person case was mainly due to but Department's Buspector.

With a view to a test whether sales of margarine as Irish butter were being continued to any considerable sector, a large number of samples were purchased, especially during a period at which Prish butter was dear. The result showed that there was further decrease in such sales. The favourable result may in no small measure be due to increased activity on the part of Local Authorities in whose areas the fraud was, some time since, found to be provalent.

Compaints were received that certain establishments in Dublis, which did business with coalsoners in Ocean Britain, were supplying sungenten instead of button Ocean Britain, were supplying sungenten instead of button. Ocean Britain, were supplying the compaint of the compaints of the sample instead of the sample in of the sample in the compaints of the sample in other than the compaints of the compaints above that it as some instances managerine was supplied as consumer that it is compainted by the compaints of the compaints of

Many complaints were received by the Inspector in regard to the quality of butter or the percentage of moisture in butter, or as to short weight in consignments. The questions in dispute were, in the great majority of cases, arranged satisfactorily. Several instances came under notice of eggs heing exposed for sale in hoxes of the Irish type, but on which zogs. there was no mark to show the country of

rous. there was no mark to show the country of origin of the eggs. Undoubtedly considerable fraud takes place in the sale, as Irish eggs, of foreign eggs

fraud takes place in the sale, as Irish eggs, of foreign eggs which have been packed into cause which contained Irish eggs or which resemble Irish cases; but the absence of any mark as to the eggs being Irish makes it impossible to deal with the matter under the Merchandise Marks Act.

In one case, however, proceedings were instituted. In February, 1810, a firm in Oxford exposed FOR sale eggs in hoxes labelled "Trish PROSECUTION AT New Laid." Some of the eggs were purchared to the companion of the eggs were purchared and were pronounced to be not Irish.

The matter was brought by the Inspector under the notice of the Board of Agriculture and Fisheries, who instituted proceedings in respect of the transaction under the Merchandise Marks Act. It was admitted that the eggs were Styrian. Fines amounting to £15 and costs were imposed on the firm, and the firm's manager was fired £5.

Cartain Boards of Guardians and others having the placing of contracts for Irish eggs, invited the Inspector to sessist them in arranging for the examination of samples of the eggs supplied. Samples of the eggs were taken from time to time and submitted to expert examination.

Sales of foreign hacon as Irish did not appear to be carried on to
the same extent as formerly. Some traders
sacon. who were selling as Irish, hacon which was

pronounced by experts to be of foreign origin, were warned and undertook to discontinue the sales. Their premises were subsequently visited, with the view of assortaining whether the undertakings were being carried out. In two cases proceedings were instituted in respect of descrip-

tions applied to harous. In one of the cases, the Inspector, in June last, noticed that a side of harou which was respond for such at the premises of a firm in Hampshire was described on a ticket attached as "Denny's Best." On close inspection it was found that the haron bore the Danish Government mark. Proceedings under the Merchandies Marka act were instituted by the Board of Agricoliture and Pisheries. A conviction was obtained, and fire a mounting to £4 with one server impossible to \$1.00 to \$1.00

lines amounting to £4 with costs were imposed.

In the other case one of the Inspector's assistants purchased, in

September last, at the premises of a trade at Stechnart thorout is which was attorised at latel bearing the words "Fined trials." The hance was found to hear a brand which appeared to be that of the Netherlands Government. Proceedings under the Merchandiss Marchs Act were instituted by the Board of Agricultims with 27 costs, was imposed were obtained, and a fine of 10x, with 27 costs, was imposed were obtained, and a fine of the with 27 costs, was imposed were decisioned to the Netherlands Government gave evidence at the bearing of the case. For some time inquiries were made in regard to the methods of trading adopted by persons representing LINES. themselves as "The Irish Linen Company."

It was found that samples of bandkerchiefs were hawked from door to door, and that circulars indicating that the goods were made in Belfast, and stating that the Company sold a fine linen handkerchief at the price of a common cotton one accompanied the samples. One of the circulars used asked for encouragement for the Irish linen industry. Samples were submitted to expert examination and were found to be cotton. At the instance of the Inspector proceedings for conspiring to obtain money by false pretences with intent to defraud were instituted by the Director of Public Prosecutions. At the preliminary investigation of the case at the South Western Police Court, London, the three defendants were committed for trial. When the case came for trial at the Central Criminal Court in March, 1910, the defendants pleaded guilty. Two of the defendants were sentenced to imprisonment for terms of one month and three months, respectively, and the remaining defendant was, owing to bad health, bound over to come up for judgment if called upon. These proceedings resulted in the removal of misleading descriptions from the circulars of other persons engaged in the business of hawking handkerchiefs from door to door.

Several advortisements, offering, as Irish linen, articles which did not answer that description, were withdrawn on representations being made to the advertisers by the Inspector.

Coses came under notice in which notespaper not of Irish manner NOTERPATE. The facture was placed on the market under designations which might lead purchasers to believe that the paper was noted in Ireland. In several instances to prove was sold as being of Irish manufacture to the Incess they prove was sold as being of Irish nature of the Irish proven and its own cases the designations were withdrawn. The other cases are yecolving attention.

Complaints were investigated in regard to damage in transit to consignments of butter and eggs, and in DAMAGE IN several instances claims made were satisfactorily settled.

Markets and Fairs (Weighing of Cattle) Acts, 1887 and 1891.

Officers of the Department made over 100 inspections and inquiries in connection with the question of the pro-

at fairs at which tolls are taken and at auction marts. Whenever necessary, action was taken with

a view to have adequate accommodation made available.

During the year ended the 30th June, 1910, new weighing
machines were provided at the Ballinrobe, Ballymote, Castlebar

Gort and Granard fairs, and at two auction marts—the one at Dundalk and the other at Strabane—and various improvements were effected in the secommodation for weighing cattle at the fairs held at Birr, Carriok-on-Shannon, Castleisland, Charlestown, Ollides, Millownmalbay and Mohill.

Orders exempting market authorities and auctioneers from the cobing the companion of providing sufficient and suitable exemption occurs, accommodation for weighting cattle were months ended the 90th June, 1920, in respect of twenty-free farm and six auction marts. A list showing the fairs and auction marts will be found in the Appendices, page 442.

I have the honour to be, Your Excellency's faithful servant, T. W. Russell, Vine President

rios-rrenden

Department of Agriculture and Technical Instruction for Ireland, Upper Merrion Street,

T. P. Gul.

DUBLIN, 21st March, 1911.

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ACCOUNTS.

PARLIAMENTARY GRANT.

[Monays voted by Parliament to defray the Administrative Express of the Disputment, and Signones connected with the maintenance of the Nissian Monom, National Library of Tesland, Meteopolitas School of Ars, Beyal Bonaio Georban, Doyal Ollinge of Simon, and Goolecoly Survey of Irestact, and to provide for the payment of Greats to Sciencia and Giasses of Science and the survey of the Simon Simon Simon Simon Simon Simon and Casses and Great and Greats in Administration of Simon and Casses of Simon Simon Simon Simon Simon Simon Simon Simon (Fredori) Act, 1890, and to the Composed Districts Board for Districts of Cassian Simon Simon

ACCOUNT OF PARLIAMENTARY GRANG in the Your ended 31st March, 1920.

BROSEPPS,	PAYMENDS.
Paringsoning Count 207, 50 c d. d. paringsoning Count 207, 500 d d daypropriotions is A33 1,000 2 3	Schieres and Wages, 6,57 5,68 7,73 121626. Thirtiples. 6,70 121626. Schieres and invitation of Schieres Constitution of Schieres of Schieres Constitution of Schieres Constitution (Schieres Constitution) (Schieres Constit
	Section 10 Section 2 Sec
	Annual Oracia to Schools and Classes (1 Senzes and Art and Polarica) Indirection. Service for Drawing and Massai In- struction in Minositaneous Schools. 1,600 8 11 Commistion Polarica Schools. 1,777 11 11 Commission Polarica Schools. 1,600 8 10 Commission Polarica Schools. 1,600 8 10
	Taveling 007 4 1 2 1 1 1 1 1 1 1 1 1
	Eclance on 23st March, 1910, 1,421 9 5

SUSPENSE ACCOUNTS.

	Balanto on lst April, 1909.			Rec 1909	in			in		Balance [on 3lst March, 1910.		
Perchase of Speci-	g	g,	d.	8	d.	d.	£	ě.	d.	£		ď.
mens for Museum (Grant in Aid Fund)	841			2,300	0	0	* 079		٠	568	14	9
Purchase of Books for National Library							2,012			000		
(Great in Aid Fund)	326	13	11	1,300	0	0	1,427	1	11	199	12	0
Royal College of Science—Purchase of Specimens, Books												
Apparatus for La-												
boratories, &c. (Grant in Aid Fund),	1.073	9	9	1.500	0	0	1.947	10	11	1.325	18	10
Tobacco Growing Experiments (Grant												
in Aid Fond) .		_		6,000	0	0	2,336	12	2	3,673	7	30
His Majesty's Sta-												
tionsey Office,	- 4	5	5	18	17	7	21	3	8	1	19	6
Art Scholarships												
and Exhibitions, . Examination from-	75	0	0	116	11	0	136	11	0	55		0
South Kensington.		_		177	16	6	177	16	6		_	
Students' deposits-												
Royal College of Science,	70			19			18		0	51	12	
National Competition	- 07	10		10	۰		10		۰	- 51	10	
Awards,				- 5	0	0	5	0	0		~	
Board of Trade-												
Census of Produc-	2	11	4				2	11	4	-	-	
Total,	1,873	16	7	11,437	5	1	7,434	15	0	5,876	6	8

GENERAL CATTLE DISEASES FUND (IBELAND), INCLUDING

Account of RECEIPTS and PATHENTS in respect of the GENERAL PREUMONIA ACCOUNT (IRELAND), for the Year ended 31st

SDORPES.				
	8 to do			à
Bakuses on 1st April, 1809-				
General Cuttle Discesses Fund (Bulerall),	6,550 5 6			
Catalo Picuso Pasumania Account for Ireland,				
		0,649	5	
tempetan Carrie Dimension Filter (Smillers) (57 and 16 Vict., cap. 57, soc. 71 (10)—				
Assessments on Local Authorities,	15,583 8 10			
Proportion of France,	314 13 6	15,007	8	,
CATTLE PLECES-PRECEDURE ACCOUNT FOR BELLAND OF THE SHEETS ALL CAPPLE DESCRIPT FUND.				
Parliamentory Gran-in-Ant of the Account, under the Decrees of Arizania Act, 1926 (57 and 56 Vact, c. 57),				
for secural expenses, satisface special expendance for secural expenses, satisface special expendance for the protection of imported Cattle,	100 ⊕ ⊕			
Parking order of the Discuss of the Account, for the cents of the execution of the Discuss of Assumin Act, 1894 (57 and 28 Yest, c. 67), as respects Swine Fover,	19,660 0 6			
Parliamentary Grant-in-Aid of the Account, as respect of expenses in connection with the suppression of Babbes,	100 0 0	10,000	۰	
Solvage,		1,505	6	4
Transferred from the General Cuttle Discuss Fund (57 and 58 Vict., c. 17, section 75 (10),		2,570		1,
De Face, or or promo to ord		-		
Total		487,831		-
Total,		687,893	18	z

THE CATTLE PLEURO-PNEUMONIA ACCOUNT FOR IRELAND.

Cattle Diseases Fund (Ireland), including the Cattle Pleuro-March, 1910.

			PAT	MXX:	29					
							1. 1.	à.		à
Greenal Capple Dusease	s Pu	ed (In	HARD	} -						
Recorporates to Local Au soca, 71 and 72)	(Recei	tues (5	7 and	58 V	let. e,	57,	7,880 20	ε		
Fort							28 17	6		
Traveling Exponent,							7.15	7		
Macellaneous Expenses,							S00 6	8		
Transferred to Cuttle I Ireland (57 and 58 Vist	ferre , e. s	Paer 7, sec.	racela 75 (1)	l, Ace	haro	for	3,510 6	10		
Correct Pastero-Pourse of the Gaserga Carry	SIA	Accy	INT I	PCE.	TEXE	NED.		_	11,717 16	-
General Expenses—										
Salanes (including the cleaning, financetto	pay s, kn	of the	e stati do.),	em	played	i ne	0,748 23	3		
Fees,							198 5			
Traveling Expenses,							1,777 18	8		
Compensation to owner	30 ec	loughi	ered 8	erine			5,727 16	٠		
Morellaneous (include elements and denti- ing, burying, brands other petty expense	otice az M						554 4	2	15,270 14	
Saluca Expenses-										
Salaries and Free,										
Travelling,							1 (8		
Musellaneous Expense	٠.						0 2	0		
							_	_	1.11	
Belance 31st March, 1901	-									
General Cuttle Discrees	Pard	(Irch	und),				10,818 11	3		
Cattle Pleare-Posumonia	Acce	ent i	er Trola	ud,				_	10,818 11	
			Total.						£37,831 18	

ENDOWMENT

[Fund administered by the Department, in concurrence with (except as regards certain special sums mentioned in Section 16 Pisheries and other Industries, and Technical Instruction; and 63 Viet., ch. 50, and other Acta.]

Account of Net Receipts and Payments by the Department in 1910.

Section of Art, 62 de 63 Virt., c. 50	Backers.			
				d
	B since on let April, 2009.	38.606	19	
	Parliamentary George-			
16 (d.)	Stre psychic as an equivalent for the Salaries attached to Jodeshiya abeliahed, &c., in persuages of the Segresse Court of Judicabyre (Iroland) (So. 2) Act, 1897, 90 and G. Vatt, o. 66,	12,000		
11-03	Sum representing the amount of expenses formerly part out of Yurhitzeytary Grants in commann with authorities given in ligitari in Agriculturi, evclusive of such instruction given in Elementury National Schools.	6,000		
	Grant in Asl ander Sec 40 of the Irst Land Act, 1900, 9 Edw 7, 4 42,	4,425	. 0	
	Local Tavation (Ireland) Account-			
15 (s.)	Sum formerly populate to the Commissioners of National Scientism under the Local Taxotism (Destons and Stone) Art, 1890, 50 and 54 Viot., c. 60, see 3,	78,000	0	
-	Sum payable under the Agriculture and Technical instruction (Ireland) (No. 2) Act, 1902, 2 Edw. VII., 5, St.,	5.000	0	
16 (64)	Irish Church Temporalities Fund-Amenal sum payable,	70,000	0	ì
15 (6)	See and Coast Pringers Francisco and 55 Vact., c. 48, s. 35 (b), Leans Repayments, &c.,	3,817		10
-	Takerest on Securities and on Messaya deposited	9.034	5	
a-bar	Proceeds of sale of Securitars	28.845	17	í
- 1	Contribution from Immed Development Great (Great is App. 3 Edw. VII., c. 20, for the purposes of Fredme- tal Instruction,	7,000	٠	0
- ()	Contribution from Irrival Development Great for Arti- lew Markour Kalenson,	4,250	2	
-	Contribution payable by Congreted Districts Search in respect of Agricollarial Schemes transferred to De- partures.	1,504		11
~	Suspense Account	43	i	,
-	Marine Works.	812	÷	ì
-	Learn for Bells, Sections, Pasternians Hant, Sustant, Sprayets, Village Holls, Hand Stynizators, de., and io targetimed Craff Southers (Replyments).	10,273	٠	
	Street	£581 923		

FUND.

the Agricultural Board and the Board of Technical Instruction of the Act a, b, d, e, f), for the purposes of Agriculture, Agriculture and Technical Instruction (Ireland) Act, 1899, 62

respect of the Expowment Fund for the Year ended 31st March,

Section of Act, 62 & 63 Virt. c. 59.	PATHURE.	
25-2 (4.)	NAME AND ADDRESS OF THE PARTY O	£ 1, 4
_ (0.)	Buildings, foliage, and appliances, Royal Vetermany College of Ireland, Perchanter and stocking adultational land, and poyetime	1,480 5 2
	sensatic buildings, plangs and appliances for the Manuter Institution. Gazzia tanoticcod with the concurrence of the Board of Technical Instruction—	58 13 11
- (A) 1.	Technical Instruction— County Records. Discusses than County Boroughs and making requires and cofeeting, &c., information for the	41,184 10 8
_	Pulland Development Orner : Great in Aid for the ver-	*42,730 5 9
16-1 (d.)	posts of Teditional Instruction,	7,404 19 10 6,661 9 10
15 (c.)	Science Reserve Punsi, Arthew Harbour Extraory—Incised Development Great, Sea and Coast Puberies Pund, 54 and 55 Vet., c. 48	4,019 pf 11
16-1 (c.)	[Advances]. Superangularies of Officers transferred from National Extension Office.	494 13 9
" (t)	Travelling and Remarkson of Members of the Council and Hearth. Darrayon Scholarship Fund	591 17 10 119 4 3
(g.) 16-1	Ornats paratised with the concurrence of the Agricul-	-
	Agriculture and other Nord Industries (including Expenses incurred under Section 17)-	
	Aguratical Instrution : Afters Aguatium College, Marater Institute,	2,000 10 11 2,040 1 4 1,746 11 0
	Ballyhause do. Chendelty do. Uniter Dury School	1,489 10 4
	Albert Agencatoral Collago, Maranter institution, Maranter institu	12 12 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15
	Pornetzy, Improvement of Live Stock,	2,841 17 9 7,874 8 8
	Interacts of Love Stock, Special Assistance to Assistations and other Stown, Votes to County Committees	968 7 11
	Votes to County Ommotises: Live Stock Schemer, Other Agmostrous Schemer, Shows General Administration,	11,416 10 11 16,891 2 5 6,666 0 5
		6,555 x 1 x 1 4,073 9 4
	Improvement of Commence, Fenner, Stenylar, Yallege Loam for bells, Stathern, Fenner, Stenylar, Yallege Phills, Hard Septembers, do., and to Agencylarial Grefit	
	Soughts (Advitions), Caugasted Dataces Schwarz, Special Investigations, Rural and other Industries,	13,089 18 9 8,145 5 6 5,077 11 4
	Runi and other Industries, See and Idard Folicies,	5,097 11 0 9,167 10 4 9,511 19 0
	See and Inland Folicein. Traveling of Manhem of Spensi Committees Traveling of Manhem of Spensi Committees Statis, Food and Drug, and other Aris.	2 600 12 17
	Integers of Frank Agricultural Produce in Great Refinis, Exhibitions of Irain Produce, Muccinceous Expenses.	2,611 11 5 051 8 8 0,162 8 9
	BALANCE ON SIZE MARCH, 1910,	222,166 17 0 40,825 6 0
	Total,	4881,993 3 9

The sum incitates a freezt of \$2,000 from the Agricultural Roard expended on Massus.
 Instruction and the teaching of Demestic Rosecuty in Rumi Districts.

DETAILS OF SPECIAL INVESTIGATIONS (ENDOWMERT FUND) for the Your ended 31st March, 1910.

	Gro			Rec	eip	ėv.	Net Ex- penditure		
	£		d			d.			d.
Flax Scheme,	1,531	- 0	- 4	540	7	- 0	990	13	- 4
Feeding Experiments (pigs, calves,									
&o.),	1 .	_		19	2	8	* 19	- 4	. /
Cheese-making Experiments, .		19	6	-			3	19	- 6
Poultry Industry,	5,116	14	5	4.177	- 6	10	939	- 7	- 2
Potatoes,	306		11		10	5	304		
Horticulture,	936	13	8	41	12	8	895	- 1	- 0
Tobacco Growing,	613	6	2		_		613	5	
Seed Teeting.		14	3	29	0	0	272	14	
Implements for Experiments,	50	- 6	1		-		50	- 6	- 1
Parification of Creamery Sewage,		-		60	0	0	*60		
Barley Experiments, ,	473		- 8		_		473	- 6	8
Wheat Experiments,	199			12	4	1	186	17	- 6
Winter Dairying Scheme	156	3	10				156	3	10
Cattle Mortality (Diseases in Farm									
Animals; Royal Vetericary									
College Grant; Warbie Experi-									
ments),	679	5	8	0	11	0	678	14	5
Technical Aid to Industries (Cider									
Making, Dead Mest Trade, &c.),	10			40	0	0	+20	6	6
Nitrogen tests, &c.,	10	15	10		-1			15	10
Total	10359	6	3	4.921	16	8	6.467	11	- 6

Nature of Loose.	10	Long at March		16. 179.		Longs second us 1000-10					Principal repout			oó od	I come ottelsoring on 31st March, 1910.				
	No.	Апи	xusi		No.	Am	011	á.	190	1979-10. 190			1900-10			Amount		t.	
			4	8,	d.		£	1.	d.	8	+	d.			4.		6		4
For the purchase of Bells, For the remines of	120	6,190	13	8	180	4,400		2	4,241	8	8	149	15	4	334	6,050	15	2	
Stalings,	18	4,653	16	8	22	3,530	13	4	1,637	11	4	107	6	11	52	4,805	15	2	
To Agricultural Credit Spension .	161	11,547	10	0	7	925	0	0	2,149	10	0	345	5	11	177	10,000	0	0	
ing for the receipe of Pap-	104	1,640	6	۰	632	1,114	0	0	517	16	0	60	3	7	165	2,436	10	0	
teurning Plant in Creameries,	2	173	1	2	~		-		1.6	10	7		18	0	1	1.62	0	0	
For Hard Septembers, . For Home Sunging	33	158	18	11	27	23.5	2	.6	105	11	4	- 6	16	7	66	371	10	1	
Markines, For Industrial Develop-	39	800	16	0	15	112	16	6	304	18	8	11	11	1	101	617	16	4	
meal, For egertion of Village	3	3,186	0	2					91	9	6		7	10		3,564	11	3	
Halls,	- 4	1,893	0	0	1	810	0	0	140	D	0	20	2	3	3	1,550	0	0	
ping Scatch Mile,	2	540	0	0			-		53	0	0	2	16	2	2	180	0	0	
Total,	933	20,400	2	9	143	8,586	8	6	9,000	15	7	711	18	4	894	\$8,842	19	4	

DETAILS OF MISCELLANEOUS EXPENSES (ENDOWMENT FUND) for the Year ended 31st March, 1910.

Sub-Hond.	Gros			R	ecel	pts.	Not pend		
	£	8.	d.			d,	£	٨.	d.
Journal and Losflets,	563	10	9				563	10	9
Technical and derical Assistance.	2,705				=		2,705		2
Transit of Produce.	320	ż			_		320		
Motor Service,	180	- 7	0	1	0	0	179	7	
Circulating School Exhibits	628	15	- 8	0	ò	0	528		21
Erection of Notice Boards, carriage of									
lonflets, &c.,	20	17	5		-		202	17	75
Railway, &c., Beter inquiries,	421	- 6	8		_		481	- 6	8
Travelling of candidates tested for an-									
pointments	157	6	4		_		157	15	4
Village Libraries,	32	13	0				3.9	18	0
Village Halls.	100	0	0		_		100	0	0
Inspection of Agricultural Coedit									
Societies,	107	18	7		-		107	18	7
Law Charges (execution of loan bonds,									
dec.),	55	3	0	1	19	0	54	4	0
General,	15	15	11	45	0	6	* 40	- 1	14
Total,	5,310	9	0	48	0	3	5,263	8	9

* Not morest.

Statistics of Escriptus seld on this Minch, 1600 : Frod for which escript is near δ , , δ .

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

COUNCIL AND BOARDS, 1910.

COUNCIL AND BOARDS, 19.

I.—COUNCIL OF AGRICULTURE. Arranged in Alphabetical Order according to Provinces.

II.—Council of Agriculture. Arranged according to Counties, &c.

III.—AGRICULTURAL BOARD.

IV.—BOARD OF TECHNICAL INSTRUCTION.

V.—Consultative Committee of Education.

I.—COUNCIL OF AGRICULTURE, 1910.
[104 Members, including the President and Vice-President.]
Arranged in Alphabotical Order seconding to Provinces.

Name.	Address.			
Brisco, Algernoa T. F., J.P.,	Ferns, Co. Wexford, Curristown House, Killmonn, Co. West- menth.			
Brown, Stephen J. M.A., J.P., Bryan, Captain Loftus A., J.P., D.L.	Ard Cases, Nass, Co. Kildare. Upton, Gosey, Co. Wexford			
Butter, John, J.P., Byrne, Thomas J., J.P.,	Minausa, Callan, Co Killenny Rossmakes, Durdalk, Co. Louth.			
Carew. Thomas M	Kildangan, Kingurad, Co. Westmonth.			
Cornet, William M.,	115, Thomse-street, Dublin.			
Delany, Thomas W.,	Killeigh, Tullamore, King's County.			
Dooley, James G.,	Hoodsgrove, Rosbergon, New Ross			
Downer, Robert, J.P.,	Co. Wesford Russellstown, Mullingar, Co. West			
Everard, Colonel Numer T., H.M.L.,	Randlestown, Navan, Co Moath:			
Firench, Peter, J.P., M.P., Freid, William, M.P.,	Harpocastown Bridgetown, Wexford. Blaskrock, Co Dublin.			
Finlay, Rev. T. A. M.A.	35, Lower Losson-street, Dablin.			
FitzGorald, The Right Hon. Lord Frederick, J.P.	Carton, Maynooth, Co. Kildare.			
John, James,	Mount Avon, Bathdram, Co Wickless			
Horion, Potrack,	Grongeforth, Carlow.			
Horan, Michael J., J.P., Kavanagh, Walter M.M., J.P., D.L.,	Mile Tree, Birr. Kung's County Borro House, Borris, Co. Carlow.			
Kermedy, Patrick J., J.P.,	Rathcore House, Enfield, Co. Mosth			
King, Nicholas B., J.P.,	Knorbdillos, Knockbridge, Dundalk, Co Louth			
M'Carthy, James, J.P., MocMahon, James, J.P., Masseroene and Ferrard, The Bt. Hon. Viscount, D.S.O., J.P.,	Newfoundwell, Drogheda, Co Louth Ballyroun, Abbeyleix, Queen's County Oriol Temple, Collon, Co. Louth			
Mechan, Patrick A., J.P., M.P., Minch, Matthew J., J.J.	Maryborough, Queen's County.			

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COUNCIL OF AGRICULTURE.

LEINSTER-Continued.

Name.		Address.
Mooney, Joseph, J.P.,	-	Cabra Lodge, Cabra, Co. Dublin,
Murphy, George F., J.P.,		The Grange, Dunsany, Co. Month.
O'Nelli, Patrick J., J.P.,		Kinsealy House, Malshids, Co. Dubla
Peacocke, Charles H., J.P.,		
Reyrolds, Henry, .		Ballmalee, Edgeworthstown, Co. Lon- ford
Renaldson, William R.,		Barn Hall, Leixlip, Co. Kildare
Ross, James, J.P.,		
Wallace, Hugh,		13, D'Otier Street, Dublin.

ULSTER (27 Members).

Name.	Address.	
Andrews, The Right Hon. Thomas, P.C., D.L.	Ardara, Combur, Co Down.	
Barlie, William	Martray Munor, Ballygawley, Co.	
Barbour, Frank.	Tyrone. Annelsrock, Mullingar, Co. Westmen	
Barbour, Harold A. M., M.A.	Strathearns, Dunmurry, Co. Anariss.	
Barrie, Hugh T., J.P., M.P.,	Manor House, Colevaine, Co. Londo	
	derry.	
Campbell, Rev. E. F., M.A.,	Killyman Rectory, Moy, Co Tyrone	
Clark, Alexander L., J.P.,	Mayais Lodge, Castledawson, Co. Lo	
Davison, Jessph,	Bellagby, Co. Londonderry.	
	The Mall. Armarh.	
Jordan, Jaromiah, M.P.,	Ennishillen, Co. Fermanagh,	
Keman, John, J.P.,	Leitrm, Castledavion, Co. London derre	
Lynch, Francis J.,	Ballyjamesduff, Co. Cavan.	
M'Cance, John S. F., J.P.,	Woodbourne, Dunmurry, Co. Antrim	
M'Clure, Thomas A. J.P.,	Ross Lodge, Killyles, Co. Armagh.	
M'Glynn, The Rt. Rev. Monsigner, P.P., V.G.,	Parochial House, Stranorlar, C	
M'Kenna, T. P., J.P.,	Mullagh, Kells.	
Monigomery, H. de F., JP, D.L.,	Blessingbourne, Fivemiletown, C	
Murmighan, George, J.P.,	Losenelly House, Omagb, Co. Tyron	
O Clarain, Rev. Locoan, P.P.,	Rockcorry, Co Monaghan.	
Patrick, Captain John, J.P.,	Dunming, Glarryford, Co. Antrin	
Porter, John Porter, J.P., D.L.,	Belleisle, Lubellaw, Co. Fermanagh.	
Reade, Robert H. S., J.P., D.L.,	Wilmont, Duamurry, Co. Antron	
Sharman-Crawford, Colonel R. G., J.P., D.L.	Crawfordaburn, Co Down.	
Sheele, Michael, J.P.,	Springbill Farm, Banger, Co. Down.	
Smyth, William, J.P.,	Brookfield, Banbridge, Co. Down	
Stoney, Captain T. Butler, J.P., D.L.,	Oakfield Park, Ranhoe, Co Donegal,	
Teel, Thomas, J.P.,	Smithbore' Monaghan	

COUNCIL OF AGRICULTURE. MUNSTER (24 Members).

Nama.	Address.
Byms, James, J.P.,	Wallstown Castle, Castletownroche, Co
Coghlan, Captain William G., J.P., .	Drumina, Rossduff, Co. Waterford.
Conners, Massice, M.D., J.P.,	Killingne, Co. Limerick.
	Honoymoust, Boscres, Co. Tipperary
Simmins, Edmond, J.P.,	Brookhill, Fethard, Co. Tinnerary,
Dungan, Thomas,	The Castle, Two-Mile-Borris, Thurle
	Co. Tipperary.
Hogen, Patrick J., Kelly, Most Rev. Denis, D.D., Lord	Coolsearly, Bodyke, Co. Clare.
	Bishop's House, Skibbereen, Co. Cork
M'Donald, William, J.P.,	Labaran, Minone Bridge, Carrigalio
	Co. Cork.
Mescal, Michael, J.P.,	Dromeliky, Courselare, Co. Clare.
Godair, Potrick,	John-street, Cashel, Co. Tipperary.
Sonteagle, The Right Hon. Lord, K.P., D.L.	Mount Trenchard, Foynes, Ca.
Colan, Michael J., J.P.,	Moyvane House, Newtownsander, Co
Nugent, Edmond, J.P.,	Ballymearbery, Cloumel, Co. Tip
Callaghan, Cornelias, J.P.,	Alternount House, Millstreet, Co. Corl
O'Doyer, William White, J.P.,	Spring House, Ballylanders, Co. Lim-
O'Corman, David Lee	Janevilla, Fermor, Co. Cork.
Gorman, George,	Kilkneedan, Ballyhar, Co. Kerry,
	Famerick.
Power, Thomas,	Dungaryan, Co. Waterford.
Byan, Hugh P.,	Boskeen, Thurles, Co. Tipperary.
Sheeky, Timethy,	Market-street, Skibbereen, Co. Cork.
Slattery, Michael,	Killerk, Lisronagh, Clossnel, Co. Th.
	Devary.
Trench, George F., J.P.,	

CONNACHT (15 Members).			
Name	Address.		
Cloubrock, The Right Han Lord, K.P., H.M.L.	Cloubreck, Ahranzagh, Co. Galway.		
Costello, P. J., J.P.,	Cloghammore House, Clogham Hill Tuare, Co. Culway,		
Daly, Very Rev. Canon, D.D.,	Diocean College, Ballaghaderson, C.		
Digges, Rev. Joseph G., M.A.,	Cloorenhip, Lough Rynn R.S.O., C. Leibrim,		
Flynn, Rev. Charles, P.P., . Gaivin, John,	Killarga, Dromaharre, Co. Leitrim		
Gore-Booth, Sir Joulyn, Bast, B.L.	Mount Talbot, Roscommon. Lossadell, Shiro.		
Griffin, Thomas C., Kennedy, Comelius J.,	Garteen, Ballinsslos, Co. Galway		
	Dunmore, Co. Calway.		
Manly, Rev. P. J., C.C.	Rooskey, Dromod, Co Leitrim. Carriek-an-Shannon, Co. Leitrim.		
	Forford, Co. Mayo,		
Mulligan, Rev Philip J., P.P.,	Carrecastle, Ballauhadereen, Co. Mor-		
Nolan, Colonel John P. J.P.,	Ballinderry, Tunn, Co. Galway.		
O'Dord, John, M.P.,	Dennanadden, Co. Store.		

II .- COUNCIL OF AGRICULTURE, 1910.

[104 Members, including the President and Vice-President.] · Arranged according to Counties, &c.

LEINSTER (36 Members).

County.	Name.	Address.
	Members appo	inted by County Councils.
Carless, .	Kavanagh, Walter M'M, J.P., D.L., Hanku, Patrick,	Berris House, Borris, Co. Carlow. Granusforth, Carlow
Dublie, .	O'Neill, Patrick J., J.P., Mooney, Joseph, J.P.,	Krassaly House, Malshide, Go. Dublin Cabra Lodge, Cabra, Go. Dublin.
Kildare, .	Brown, Stephen J., M.A., J.P.	Ard Caien, Naza, Co Kildare,
	Minch, Matthew J., J.P	Bockfield House, Athy, Co. Kildare.
Kilkensp, .	Briler, John, J.P., Dooley, James G., .	Minaurs, Callan, Co. Kilkenny. Hoodagrove, Rosherson, New Ross, Co. Warford.
King's Co	Horan, Michael J., J.P., Corbet, William M.,	Mile Tree, Birr, King's County. Killengh, Tullamore, King's County.
Langford, .	Beynolds, Hamy, .	Ballinalce, Edgeworthstown, Co. Long
	Ross, James, J.P.,	Newport, Lausmore, Co. Longford
Louth, .	King, Nicholas B., J.P.,	Knockdillon, Knockbridge, Dundali Co. Louth.
	M'Carthy, James, J.P.,	Newfoundwell, Drogheda, Co. Louth.
Meath, .	Everard, Colonel Nugest T., H.M.L.	Randlestown, Navan, Co. Meath.
	Kennedy, Patrick J., J.P.	Rathcore House, Enfield, Co. Meath.
Queen's Co	Moshan, Patrick A.,	Maryborough, Queen's County
Wastmonth,	MarMahon, James, J.P., Downes, Robert, J.P.,	Ballyroan, Abbeyleix, Queen's Co Resselstown, Mullingar, Co. Wee meath.
	Briscoe, Algeroon T. F., J.P.	Curristown House, Killucen, Co. West meath
Westerd, .	Peacocks, Charles H., J.P.	Belmont, Wexford.
	Bolger, John,	Farm, Co. Wexford.
Wickley	Cogan, Denis J., Galvin, James,	115, Thomasatreet, Dublin, Mount Avon, Rathdrum, County Wirl Iow.

COUNCIL OF AGRICULTURE.

	LAINSTER-Ontinued,				
_	Name.	Address.			
	Membaza appa	pinted by the Department			
	Bryss. Cortain Loftus A. J.P., Da. Brios, Thomas M., J.P., Carev. Thomas M., Deleay, Thomas M., Deleay, Thomas M., Pitting, Rev. T. A., M.A., Findlerski, The R. Hon. Findlerski, The R. Hon. The R. Hon. Viscoust, D. R. O., D. P., Marchy, George F., J.P.,	Upton, George, Co. Wenford. Bossensken, Dandellk, Co. Loesh Kirdengan, Kimsgowk, Co. Woolensaalt Karponestown, Brodgerbown, Wenford. Barponestown, Brodgerbown, Wenford. Biodersch, Co. Dabbin. 35 Lower Lecon Street. Dubbin. Carton, Maynesch, Co. Kilder. Carton, Maynesch, Co. Kilder. Br. Gringt, Dassany, Co. Meach. Br. Gringt, Dassany, Co. Kilder. Br. Older. Lechilip, Co. Kilder.			

OLSTER (27 Members).			
County.	Name.	Address	
	Members ap	pointed by County Councils.	
Antrin,	Barbour, Harold A. M., M.A.,	Stratheavne, Danmurry, Co Antrin.	
	Patrick, Captain John, J.P.	Dunminning, Glarryford, Co. Antrin	
Armagh,	Huston, Robert T., M.R.C.V.S.	The Mall, Armsgh.	
	M'Clure, Thomas A., J.P.	Ross Lodge, Killyles, Co. Armegh.	
Ceras, .	M'Kenna, T. P., J.P., Lynch, Francis J.,	Mullagh, Kelia Ballyjameaduff, Co Cavan	
Danegal, .	Stoney, Capt. T. Butler, J.P., D.L.	Oakfield Park, Raphoe, Co. Donngal	
	M'Glyne, The Rt. Rev. Monsignor, P.P., V.G.,	Parochial House, Stranoriar, C	
Down, .	Andrews, Rt. Hon. Thus , P.C., D.L.	Arders, Comber, Co. Down.	
	Smyth, William, J.P.,	Brookfield, Banbridge, Co. Down	
Fremanagh,	Porter, John Porter, J.P., D.L.,	Belleizle, Lisbellaw, Co. Fermanagh.	
	Jordan, Jeremish, M.P.,	Ennskillen, Co Fermanagh,	
Londonderry,	Barrie, Hugh T., J.P., M.P., Keccan, John, J.P.,	Manor House, Caleraine, Co. Londo derry, Leitren, Castledawson, Co. Londo derre	

175 COUNCIL OF AGRICULTURE.

ULSTER—Continued.

County.	Nama.	Address.
Managhan, .	O Claram, Rav. Locum, P.P. Tonl, Thomas, J.P.,	Rockerry, Co. Monaghan. Smithbore', Monaghan.
Tyrone, .	Montgomuy, H. de F., J.P., D.L. Murnaghan, George, J.P.,	Blessingbourne, Fireuniletown, Co Tyrone. Lisanelly House, Omagh, Co. Tyrone.
	Members appe	dated by the Department.
	Bailie, William, Barbour, Frank, Campbell, Rev. E. F., M.A. Alexander L., J.P., Davisto, Joseph, M'Canse, John S. F., J.P., Bedd, Bebert H. S., Barman Crawford, Col. E. G., J.P., D.L. Sheffs, Michael, J.P.,	Mesters, Menor, Bullyavier, C. Tyres Annalesch, Mullinger, Co. Westessell Knijwas Broder, Men, Co. Tyres Mygish Lodge, Castledarmen, Ca. Jon Billight, C. Leondondertz, Woodlearne, Dastmurry, Ca. Astrin. Crawfoodshirm, Ca. Down. Springhill Farm, Banzee, Ca. Down. Springhill Farm, Banzee, Ca. Down.

		MUNSTER (24 Members).
County.		Name.	Abiron
		Mambera app	pinted by County Councils
Clare,		Hogan, Patrick J., Mescal, Michael, J.P., .	Coolrength, Bodyke, Co. Clare. Dromeithy, Coorsolare, Co. Clare.
Cork,		O'Callaghan, Cornelius, J.P. M'Donald, William, J.P., O'Gorman, David Leo, Sheehy, Tunothy,	Altamount House, Milistreek, Co. Cork Labaran, Minano Brodge, Carrigaline Co. Cork. Janeville, Fermoy, Co. Cork. Markot-treet, Shibbursen, Co. Cork.
Ecrey,		O'Gorman, George, Nolan, Michael J., J.P.,	Killmeadan, Ballyhar, Co. Karry. Moyvane House, Newtownsandes, Co.
Limerick,		Connery, Maurice, M.D., J.P. O'Duyer, William White, J.P.	Kerr. Kilfinane, Co. Limerick. Spring House, Ballylanders, Co. Limerick.
Tipperary, CN.B.		Corograp, Thomas, J.P., Buggan, Thomas,	Honeymount, Roseres, Co. Tryperary. The Castle, Two-Mile-Borris, Thurles Co. Tryperary.

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COUNCIL OF AGRICULTURE.

Address.

MUNSTER-Continued.

Name.

County.

Figurery, 8.E.	Slattery, Michael,	Killerk, Lisronagh, Cloumsl, Co. Tip-
A.D.	Moclair, Patrick, .	John-street, Cashel, Co. Topperary.
Waterford, .	Power, Thomas, Nugant, Edmond, J.P.	Bungarvan, Co. Waterford. Bullymarsuberry, Clonnel, Co. Tip- peracy.
	Members app	ointed by the Department.
	Byrne, James, J.P., Coghlan, Captain Wm.	Wallstown Castle, Castletowarocke, Co. Corts. Dicentra, Rossiuff, Co. Waterford.
	C., J.P.	
	Cummins, Edmond, J.P., Kelly, Most Rev. Denis, D.D., Lord Bishop of	Brookhill, Fethard, Co. Tipperary. Bubop's House, Skibbeeven, Co. Cork.
	Ross. Monteagle, The Right Hon Lord, K.P., D.L. O'Mars, Alderman Ste-	Mount Trenduard, Foynes, Co. Limerick.
	phen.	
	Ryan, Hugh P., Trensh, George F., J.P.,	Rosheen, Thurles, Co. Tipperary. Abbeylands, Ardfort, Co. Kerry.
	CONNACHT (15 Members).
County.	Name	Address
	Members sure	pinted by County Countils.
Galway	Guifa, Thomas G.	Gustoon, Ballingstoe, Co Galway,
	Kennedy, Cornelius J.,	Denmore, Co. Galway.
Leitrim,	Manly, Rev. P. J., C.C., Flygn, Rev. Charles, P.P.,	Carriel on Shannon, Co. Leitrim. Kullarga, Dromabaire, Co. Leitrim.
Mayo,	Costello, P. J., J.P.,	Cloghansmore House, Cloghans Hill, Tunn, Co. Galway.
	Morrin, Daniel, .	Foxford, Co. Mayo.
Rossonmen,	Galvin, John, MacGuire, James P ,	Mount Talbet, Resommen Rocskey, Dremed, Co. Lestrin,
Atipo, .	O'Dowd, John, M.P., Daly, Very Rev. Cason, D.D.	Bunnaraiden, Co Slige Diocesan College, Bellaghadereen, Co- Mayo.
	Members app	ounted by the Department.
	Clonbrook, The Right Hon. Lord, K.P., H.M.L.	Clonbrock, Ahazeragh, Co. Galway.
	Digges, Rev Joseph G., M.A.	Clooneshir, Lough Ryss R S.O., Co- Leitrus.
	Gore-Booth, Sir Josslyn. Bart., D.L.	Lusadell, Sligo.
	Mulligan, Rev. Philip J., P.P.	Carramanic, Ballaghadereen, Co. Mayo.

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III.—AGRICULTURAL BOARD

Name.	Address.	By whom appointed.
Daly, Very Rev. Canon, D.D.	Diccesan College, Bai- Includereen, Co. Mayo.	Connacht Provincial Com
Downes, Robert, J.P.,	Bussellstown, Mullingar,	Leinster Provincial Com-
Everard, Col. Nugent T.,	Randlestown, Navan, Co. Month.	The Department
Gore-Booth, Sar Josslyn, Bart, D.L.	Lissadell, Stepo, .	The Department.
Healy, His Grace The Host Rev. John, D.D., Lord Archinhop of Tuam	St Jarinth's, Tunn, Co. Galway.	Connects Provincial Com- mittee
Kelly, Most Rev. Denis, D.D., Lotel Bishop of Ross.	Bushop's House, Skab- bersen, Co. Cork.	Munster Provincial Com- mittee.
McCunce, John S. F., J.P.	Woodbourne, Danmury, Co. Antum.	Ulster Provincial Com-
M'Donald, William, J.P.,	Labaran, Minane Bridge, Carrieshar, Co. Cook	Munster Provincial Cors-
Monteagle, The Right Hon Lord, K.P., D.L.	Mount Trenchard, Foynes, Co. Lemprick.	The Department.
Montgomery, H. de F., D.L.	Blessingbourne, Fivenile-	Ulater Provincial Com-
Murnaghan, George, J.P.,	Listnelly House, Omegh, Co Tyrone	The Department.
O'Neill, Patrick J. J.P.,	Kinsesly House, Mala- hide, Co. Dublin,	Legater Provincial Com-

IV.—BOARD OF TECHNICAL INSTRUCTION. (23 Manhers.*)

Name.	Address.	By whom appointed			
Barbour, Frank,	Annabiook, Mullinger, Go Westmeath,	Ulater Provincial			
Classey, Most Rev. John, D.D., Lord Bishop of Elphin		Consess Provincial Con- mittee.			
Crosser, James, J.P., V.S.	Dublin	Dublia County Borough Council.			
Dirkson, Alexander, .	15, Parliament street, Dublin	Dublin County Borough Council.			
Dennellan, Alderman Thomas		Lamerick County Berough Council			
Duna, Christophur J.	J. Mount Verden-terrace, Wallington-mad, Cork	The Department			
Evans, Rev. Henry, D.D., M.R.I.A., F.I.H.	St. Helens, Blackrock, Co. Dublin	Commissioners of National Education.			
Finlay, Rev. T. A. M.A.,	35, Lower Lesson-street, Dublin.	Lemster Provincial Com-			
Glynn, Joseph A., B.A.,	Beech House, Tuam, Co. Galway.	The Department.			

^{*} By section 24 (2) of the Agrissiture and Technical Instruction (Ireland). Act, 1889, the President and Vice-President of the Department are as offers Members of the Board.

BOARD OF TECHNICAL INSTRUCTION-continued.

Name.	Address	By whom appointed
Good, John,	The Moseings, Merrion Road, Dubin.	Joint Committee of Com- olls of the Co. Dublin Urban Districts
Henderson, Sir James, A.M., D.L.	Onkley House, Windsor- park, Belfast.	The Department.
Johnston, Sir John Barr, J.P.	Londonderry,	Londonderry County Borough Council.
Macertney, William, J.P.,	33,Cliftonvilla-road, Bel-	Belfast County Borough
McClelland, John A.	Rostrevor, Orwell Road,	The Department.
M.A., D.Sc., F.R.S., Meroler, Alderman Samuel T., J.P.	Rathger, Co. Dublin. 2, Mount Clifton, Clif- tonville Bond, Belfast	Belfast County Borough Council.
O Conlinigh, Soughan T	8, Belvedere-avenue, Dublan	Dublin County Borough Council.
Power, Thomas	Daugarvan, Co. Water-	Mumter Provincial Com-
Sheehan, Most Rev Richard A., D.D., Lord Bishop of Westerford and Livreere	John's Hill, Waterford,	Waterford County Borough Council.
	Evergreen Villas, Cook,	Cork County Borough
Starkie, William J. M., M.A., Litt.D.	Tyrone House, Marl- becough-street, Dublin.	Intermediate Education
Paylor, Alexander,	131, Donogail-street, Bel-	Belfast County Borough

V.—CONSULTATIVE COMMITTEE OF EDUCATION. (5 Monthless)

Address.	By whom appointed.
Lore and Technical In-	En offeia.
Tyrone House, Maylbo rough-street, Dublin.	Commissioners of Natsona Education.
85, Lower Lesson-street, Dublis.	Intermediate Education Board
Rostrevoz, Orwell Road, Rathgaz, Co. Dublin	Board of Technical In- struction
Department of Agueul- ture and Technical In- structice, Dublin.	Agricultural Board.
	Gree and Technical In- struction, Daltin Tyruse House, Maylbo pough-street, Daltin 85, Lower Leanus-street, Dultin Restayor, Orwell Read, Rathgar, Co. Dultin Department of Agusal- surs and Technical Ja-

AGRICULTURE.

Regums showing the Number of Instructors, &c., employed in such County in commetion with Agricultural Schemes during the year 1909-10.

County.	Agricol- ture.	Tenchers of Agricul- tural Classes.	Poultry-	Ponitry- keeping and Butter- making.	Butter- making only.	Horti- culture only.	Horti- culture and Boo- keeping.	Bee- keeping only.
Antirin, Antirin, Antirin, Antirin, Antirin, Antirin, Antirin, Cheek, Cheek, Dovergal, Dovergal, Dovergal, Dovergal, Dovergal, Livergal,	111111111111111111111111111111111111111	() () () () () () () () () ()	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	201 1 1 1 2 1 1 2 1 1	111111111111111111111111111111111111111	1	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
	36	7	19	14	19 -	4	29	3

. (c) The Instructors in Agriculture conducted classes in these Counties.

* One Poultry Instructor for Clare, Leitrim, and Slige.

Table showing by Counties the Agricultural Schemes adopted tember, 1910; the amount allocated from the joint fund allocation chargeable to local contributions and to the

County.	ant In- struction in Agri- culture.	Winter Agricul- tural Classes.	Positry.	Butter Making.	Horti- culture and Bee- keeping	Cottage and Farm Frizos.
	£	£	3.	£	2	ž
	410	100	482	-	140	*
Armagh, .	379 295	70	204	80 -	214	
Carlow,		10	298	110	164	
Cavan,		200	70		272	200
		240		210 246	204	255
		240	688 505	140	456	200
		(5) 250	292	102	226 250	600
		(9) 200	202	102	200	320 50
	320	54	130		276	40
	350	100	550	190	270	495
	310	100	380	160	203	490
	330		289	189	(e) 516	328
	363	250	270	104	279	142
	315	40	218	146	199	142
Leitrim.	. 300	50	115	100	15	110
Limerick.	. (c) 672	135	337	-	198	162
Londonderry,	320	100	236	164	200	200
Longford, .	. 286	36	262°	-	198	70
Louis,	383	50	310	189	189	
Mayo,	. 599	75	575	260	(f) 280	280
Meath,	· (h) 659	200	326	149	347	716
Monaghan, .	350	-	309	87	228	133
Queen's, .	. 290	39	2410	-	162	121
Rescommen,	. 330	80	404	210	220	2371
Stigo,	. 300	60	101	_	205	-
	. 300	200	270	93	245	150
Tipperary, S.R.,	425	100	302	- 65	188	248
	625	180	269	142	240	150
		30 160	171	108	177	30
		300	343	146	199 341	298
	352	300	256	141	194	300°
Totals,	14,613	3,110	9,698	3,649	7,380	5,811

⁽a) Includes \$465 for Prince under Tillage Scheme.
(b) Includes Space for Prince under Tillage Scheme.
(b) Includes great of £250 from "Henry Trust Fund."
(c) Includes 500 for Durry Duttle Scheme.
(c) Includes 500 for Durry Duttle Scheme.
(c) Includes 523 Tillage Domonstration Scheme, £50 of which is a contribution from Limited Englewerse Durry.

by the several County Committees for the year ended 30th Sepfor the purpose of each Scheme and the proportions of the total Department's Grant respectively.

Live Stock.	Sub- sidies to Showa	Flax.	General Administration, metroling Segretaries' solution and expenses.	Totals.	Contri- bestion from Rates.	Contri- bution from Depart- ment.	Bate reised.
£	2	£	S	£	2	2	£
1,100	275	250	392	3,197	1,323	1,874	(0)1,890
540	-	-	325	1,722	654	1,068	(10)740
265	100		* 170	1,295	455	849	650
645	200	Proper	285	2,340	951	1,389	1,066
750	200		245	2,754	961	1,793	(1)964
1,375	600	30	520	6,113	2,430	3,683	2,132
843	300	200	347	3,511	1,343	2,168	1,250
1,380	385	200		(5)4,0017	1,589		(1)0,080
683	175		185	1,416	540		(m)812
437	1.55	20	196	1,626	636	990	950
975	270	-	275	3,385	1,274	2,111	1,828
780			260	2,733	773	1,360	1,162
575	240		305	2,772	1,200	1,572	1,400
(d) 785	250	-	280	2,753	1,123	1,610	1,434
431	100	-	265	1,714	672	1,042	927
380	80		180	1,320	448	872	578
865	150			(s)2,793	(4)1,158	1,635	959
720	205	100	265	2,510	1,032	1,478	1,211
293	164	-	168	1,447	553	894	592
364	124	-	210	1,799	688	1,111	800
750	250		(0) 385	3,455	1,249	2,213	1,213
837	300	-	389	3,814	1,605	2,200	(3)1,680
569	200	80	235	2,211	888	1,313	1,000
410	150		234	1,658	649	1,000	1,000
576	160		254	2,4711	908	1,5634	1,258
590	200		240	1,696	598	1,098	800
583	200	-	240	2,343	963	1,390	1,140
818	340		317	2,708	1,001	1,617	1,540
(i)1,110	300	100	500	3,616	1,646	2,172	1,710
305	59	-	205	1,455	525	920	538
700	275	-	215	2,573	1,054	1,5191	1,308
895	360		305	3,957	1,625	2,332	1,477
570	1.27		282	2,022	810	1,212	1,063
23.084	0.784	980	9.4523	84,5613	33,215	51,3461	

⁽f) Includes 540 for Demonstration Shelter Betts.
(g) Includes 375 for purchase of Sprayers for Iring purposes.
(s) Includes 250 error under Tillage Farm Prize Schene.
(d) Includes 250 exitely from Department's funds.
(e) Includes 250 for Veterinary Lectures, and 5400 for Veterinary.

FORM A. 183 (a.).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

ROYAL COLLEGE OF SCIENCE, DUBLIN.

SESSION 1909-10.

SCHOLARSHIPS IN AGRICULTURE, HORTICULTURE, FORESTRY.

A limited number of scholarships will be affered in 1909 for competition among young men in Ireland who desire to acquire a thorough knowledge among young men in treated who desire to acquire a thorough incovingly of technical Ageinquistre, and, in addition, one or more accelerating will be provided for students who intend to apenalise in either Horizonium, Foreity or thermory Management. Each acknowledge-the incidence—(1) tree Postury or thermory Management. Each acknowledge-the incidence—(1) tree for the contract of the contract of the challenge, (2) one third-data value for the challenge of the second, and can be according to the contract of the challenge of the second, and can be according to the contract of the challenge of the second, and can be according to the contract of the challenge of the second of the challenge of the contract of the challenge of the second of the challenge of the contract of the challenge of the second of the challenge o third-class fare from Dublin at the end of the session, and (3) either of the following at the option of the Department-(a) a maintenance allow-Science or elsewhere, as the Department may decide; or (0) free board and residence at one of the Department's institutions; in the latter rate a small grant will be made to each student towards the cost of books and

A scholarship is tenable for one year, but reducted condidates must undergo a probationary course of one term of about three mentles. It satisfactory progress be made by the holder, the scholarship may be renewed for a second, for a third, and, in certain circumstances, oven for The Department do not undertake to employ, or find employment for,

students at the close of the period of training.

Holders of these scholarships will be subject to the regulations made from
time to time at the Royal College of Science, and will be required to devote their whole time to the course of study prescribed for them by

the Department. Candidates, who should be between 18 and 30 years of age on the 1st September, 1909, must make application on a form, which may be obtained from the Registerar, Royal College of Science, Dublin, after the let February, 1909, and which should be returned not later than the 4th

Candidates must have been been in Ireland or have been resident in Charlianter must have been been in Ireland or have been resident in Ireland for three years investediately prior to the lat June, 1902. The examination will take place at the Metropolitan School of Art, Kildner-street, Dabhn, on the 18th and 19th August, 1909, and at the Albert Agecultural College, Glassewin, on the 20th August, commencing and any of 12th tan. No expresses in connection with attendance at this examination will be ollowed. Candidates will be tested in the following:-

A .- RNGLISH.

(1) Composition-to be tested by an essay, Composition—so be tested by an essay.
 Grammar—Riymelogy, and the principles of Syntax.
 Jiterature—the following weaks:—(a) Macaulay, "Cire"; (b) Goldsmith, "The Deserted Village"; (c) Coloridge, "The

Auceus Mariner."

B .- One of the following :-Lazze:

In these languages the papers will comprise-(1) Passages for translation from the following texts:-

Latin-Casar, "Do Bello Gallico" (Book IV.).

French—Xarier de Massire, "Le Lepreux de la Cité d'Aoste."
German—Andesses, "Bilderbuch ohne Bilder."

(2) Easy passages for translation into English from other texts.
(3) Questions in Grammar—Armilence and the principal rules of (4) Short sentences for translation from English.

C .- MARSIEMATICS.

(1) Arithmetic-including elementary Mensuration.

(3) Algebra-to quadratic equations inclusive.

(3) Plans Geometry—to be tested partly by questions requiring formal proofs of propositions from Euclid I.-III., and partly by pro-sical problems to be solved by compasses and soile of equal parts. D .- Practical experience of one of the following .-

AGRICULTURE:

FORESTEY;

DATESTING AND CREAMERY MANAGEMENT.

Buch applicent must have had substantial experience of practical work in connexum with forming, gardening, the management of wordlands, or chirying and creameny management. The examination may be written, oral and practical. The subjects will include all the ordinary work of farms, gardens, woods, or daines, as practised in Ireland. N.B .- On no account will a scholarship be awarded to a candidate who fails to attain a high standard in the subject he selects for this portion of the examination; while excellence in that subject will be taken into con-

sideration in east of deficiency in one or more of the others. E.-ABILITY TO IMPART INSTRUCTION :--

Gauged by the style of the answers in both the written and the oral examinations. Candidates who are qualified for scholarships by their examination on the foregoing subjects will be required to submit to an examination by a medical affect appointed by the Department. A scholarchip will not be awarded in any case where the candidate is certified to be physically unfit

Last date for receiving applications, 4th August, 1909.

December, 1908.

SCHOLARSHIPS IN AGRICULTURE, HORTICULTURE, FORESTRY, AND CREAMERY MANAGEMENT.

1909.10.

At the annual examination held on the 18th, 19th, and 20th August, 1909, for Scholarships in Agriculture, Horticulture, Forestry and Creamery Management, tenable at the Royal College of Science, Dublin, fifty-three candidates presented themselves.

Scholarships in Agriculture were awarded to the following ten candidates:—

Caffrey, Michael, Albert Agricultural College, Glaunerm, Curran, Daniel J., Albert Agricultural College, Glaunerm, Duff, Junes John, Bellyushraggett, Lurgan, Duke, John M. J., Albert Agricultural College, Glasnerm.

Dube, John M. J., Athert Agricultural College, Glamerin.
Hausett, John Joseph, Quan, De Glare,
Hausett, John Joseph, Quan, De Glare,
Haushen, Ges. L., Albert Agrientiral College, Glamerin.
Hawitt, Theo. R., Crossgar, Co. Down.
Lafforty, Henry A., Albert Agrientiral College, Glamerin.
McLaun, Wiffred, Albert Agrientiral College, Glamerin.
Mullily, Michael J., Mulliniahone, Co. Tipperary.
O'Connell, Tumothy, Coachford, Co. Cork.

A Scholarship in Horticulture was awarded to— Turner, Edmund, Albert Agricultural College, Glassevin,

No scholarships were awarded in Forestry or Creamery Management.

FORM A. 189 (c).
DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION
FOR IRELAND.

THE ALBERT AGRICULTURAL COLLEGE, GLASNEVIN, DUBLIN.
SHEREON, 1909-10.

The Albert Agricultural College is situated on the north side of Dublin in a healthy situation about 170 ft. above the see level. It is easily renched by turn to the Glamerin terminin, from which is distant is distant is death as a second seed of the control of

The College provides two distinct courses of instruction—one for farmers, the other for granteners. The College or Agricultural Course complete is the Department's advance of agreeditural education as position intermediates the Department's scheme of agreeditural decisions as position intermediates available light of the properties of

AGRICULTURAL COURSE.

This curse is intended for young new the curse a relational and proceed by the property of the property of the property of the flower and have followed programmes, but the property of the flower collect conception—unto an extensive property of the conception is able conception—unto an extensive property—there is an extensive protessing the national and surface property—there is an extensive protessing the property in the property of the property of the prolement in dispring, betterpring, positry prosaggement, belowering, and leaves, in dispring, betterpring, positry prosaggement, belowering, and of the property of the prop

Every encouragement is given to the pursuit of athletics and to the development of social intercourse among the students. The College discussion society meets frequently throughout the session. The papers read before it relate to topics of current interest to the farme-

mg continuity.

Hos bitnary is supplied with standard works on agriculture, and copase of the best faming periodicals are presented regularly for the students' use. This Neww.—The staff consists of Principal, Hosse Masters, Agriculturus, and teachers of clembstry, belong, socially, whereasy byggons, inorticulture, dairying, poultry keeping, beloeping, and woodwork. A competent Drill Instruction takends wide weekly to see to the physical teaming

of the students.

The Clergy of the different denominations also visit the College weekly to give religious instruction. The domestic comfort and hodily health of

the students are under the care of an experienced Matron.

The matter are under the care of an experienced Matron.

The matter are the care of the car

their homes—one at Christmas and the other at Easter.

COLINED TRIVIANS.—The College diploms is awaited partly on the result
of the sessional examinations and partly on the work done throughout the
year. It is of two classes, the first being reserved for those students who
add to an intelligent graup of scientific principles a high standard of stall

in practical farm work.

Prizes are given by the Department for progress made, for work done, and for services cheerfully rendered to the common weal. These prizes are awarded efter computation with the Prizespal, and not merely on marks obtained at the examination.

Conversacy or Amyrsony—Admission to the College is conditional on

because the automotic attention and furnishing evidence of good health and character. Only resident stockarts, who are prepared to stuy twhole session and to take the full currictation, are admitted. Thuy must not be less than 17 now more than 50 years of upon a 18 optomber, 1900. The attractor attainance will be held in the first weak in September, 1900. The attractor attainance will be held in the first weak in September, and mission will be modified in due comes as to the contract at which he will be required to present binned!. Ne expenses will be allowed in respect of attendance.

The subjects included in the examination will be as follows:-(1.) Excluse, including dictation and composition.

(2.) Arathmetic, including calculations requiring a thorough knowledge of weights and measures, decimal and vulgar tractions, percentages, and laterest.

(8.) Mathematics.—The elements of measuration and algebra to sample equations.
(4.) Agriculture.—The questions on this subject are framed with a

view to testing knowledge acquired by practical experience of farm work. No text-book is prescribed or recommended. The examination may be oral as well as written.

First.—The fees for tuition, board, residence, laundry, and ordinary medical attendance during the entire session at e--. For students whose parents or guardiams derive their means of

Pring mainly from farming in Ireland, 417
For stillents other than the forgoing, 520
The fres are payable to the Principal in two instalments, viz., one of \$10 (or \$30) on extrane and the balance on its February. In addition to the instalment of the fee payable on existence, each student must

deposit with the Principal s sum of £3 to cover the cost of repairs to clothing, and of books and stationery. The unexpended balance, it any, of this deposit will be returned at the close of the Session.

OUTPI

Students are required to provide throughly with a proper outfit, particulars of which will be supplied to candidates successful at the entrance examination.

APPLICATION FOR ADMISSION,

Application must be made on the prescribed form, to be obtained from :-THE DEPARTMENT OF ASSISTED AND TRUDUCAL INSTRUCTION FOR IRLIAND, UPTER MERRION STREET,

Applications will be dealt with in the order of their receipt in the Department's Office. They should be forwarded not later than the 15th August, 1909.

Form A. 153 (a).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION INSTRUCTION IN FRUIT-GROWING AND GENERAL GARDENING.

HORTICULTURAL SCHOOL.

ALBERT AGRICULTURAL COLLEGE, GLASNEVIN, DUBLIN.

The course provided at this School is suited for men who have already bad experience in fruit-growing and general gardening, such as can be obtained by working for four or five years under a fully qualified gardener. In addition to the practical work is the gardene, class-room instruction is given to the pupils to enable them to understand the scientific principles underlying hosticulture.

Applicates for admission to the 1909-10 session must be at least twenty years of age on the lat October, 1909, in good health and of strong constitution, and should have received a fair general education. Pupils will be admitted on probation as the result of an axamination which will be held at the Albert Agricultural College on the 27th August, 1900. The subjects included in the examination will be :--

(1). English—to be tested by direction and a short letter. (2). Arithmetic—the first four rules, simple and compound; a know-

ledge of weights and measures; and percentages. (3). Practical Fruit-growing and Gardening A high standard will not be expected in English or Arithmetic. The

range of these subjects. No expenses will be allowed to condidates in connection with their attendance at this examination Successful condidates will be required to enter on their duties on the

The session will close on the 30th September, 1910. Pupils may be retained at the School beyond that date, if, in the opinion of the Department, they would profit by an extension of the course.

Pupils will receive an allowance of 18s. per week during their first session and of 20s. per week during their second session. When in recent of these allowances they will be required to find their own board and lodging. In the event of lodging accommodation being provided for them as the Cullege the allowances will be modified. Pupils of the Horticultural School are subject to the conditions under

which the gardeners at the College are employed The Department do not undertake to employ or to procure employment for the pupils at the close of the course, but the names of those who quality will be sent to County Committees of Agriculture with an intimation that will be sent to country committees or agreements who an internation man they are displied for appointment by such Committees, to instructioning under the Department's scheme of Instruction in Hortschilure and Hee-

nted image digitised by the University of Southampton Library Digitisation Uni-

187

Several men who have already passed through the Second are now employed by County Committees of Agriculture.

Application to attend the examination must be made on the prescribed

form, to be obtained from .—

THE DEPARTMENT OF AGRICULTURE AND

THEN YOUR ALL INSTRUCTION FOR DELINE.

Urren Messes Street, Dusies.

Last date for making application—13th August, 1909.

Уопы А. 176 (a.)

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

FARM APPRENTICESHIPS.

AGRICULTURAL STATION, ATHENRY, COUNTY GALWAY.

Young men who intend to become farmers are admitted to the Stateon for one year, as apprentices, for a course of practical training in several branches of farming.

Aggree described and the second of the secon

of age on the date of making application, and each must give an under-

twhing that it is his intention to become a framer in Iralicol. He must also provide, in his application force, evidence of a circy prospect of also provide, in his application force, evidence of a circy security will also be a recommendation if the applicant limit attends of connection but made the Department's scheme, of Winter Agreed and the connection but made the Department's scheme, of Winter Agreed and the connection but made the Department's scheme, of Winter Agreed and demonstration and has above no deserts to improve his knowledge and and demonstration and has above no deserts to improve his knowledge and Applications for appreciationly now by made at any protein of the Applications for appreciationly now by made at any protein of the

Applications for apprenticeships may be made at any period of the year. Apprentices will be admitted in the order of the recept of their applications in the Department's Offices. The Department do not guarantee admissace to any applicant. An apprentise will not be retained at the Station if he is found unable to perform a fair day's work or to be otherwise unsuitable.

no officers are supercourse.

On completion of treder months at the Station, apprentices whose work has been done with eare and diligence and to the satisfaction of the Farm Manager will receive small payments proportioned to the value of their work. In no case will such payment exceed \$10.

OUTVI

Apprentices will be required to provide themselves with a proper outfit, particulars of which will be supplied to applicants on being notated of their admission.

A sum of 21 must be deposited with the Superintendent on entrance

A sum of £1 must be deposited with the Superintendent on entrance to cover the cost of repairs to clockes, the purchase of books, stateourry, etc. The unexpended kalance, if any, of this deposit will be refunded on the termination of the apprenticeship.

APPLICATIONS FOR ADMISSION.

Applications for admission must be made on the prescribed form to be obtained from :--

THE DEPARTMENT OF AGRICULTURE AND TROUBLICAL INSTRUCTION FOR INSLAND, UPPER MERRICO STREET, DORLAN,

FORM A: 176 (E.) DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

FOR IRELAND.

AGRICULTURAL EDUCATION FOR YOUNG MEN

SECTION 1909-10.

FARM APPRENTICESHIPS.

AGRICULTURAL STATION, BALLYHAISE, CO. CAVAN.

Young men who intend to follow the farming professes and who desire to acquire a practical knowledge of its several branches are admitted to the Station as apprenticealities must be not less than seventeen years of any or the left declaration.

of age on the lat October, 1970, marked one may atom serve-com panels of age on the lat October, 1970, marked one may be made and the late interests the late of t

The apprentices are required to reade in Ballyhaue House attached to the Station, where they are in the charge of a house master and matron. They must take text, as routhed it all the matrix.

The most idea part, as required, in all the work of the farm.

The most idea part, as required, in all the work of the farm, the window of the part of

The cores of waining will include:—(1) class-room instruction in agrimative the missing of a direct bearing on farming in Fields; [2] materiation in subjects of a direct bearing on farming in Fields; [2] Arithmetic, book-keeping, etc., which will make a first the first product of the fields and farmyard in connoction with the various occasionable operadot the fields and farmyard in connoction with the various occasionable operaand woodlevel; permanent ingeoverements; [4] stateons in relectionary hyptimes and woodlevel;

The Writer Term will be occupied principally with class-room instruction in agriculture and general subjects. The following subjects will be included in the agricultural course:

eticion in sine signamentara course:—
Soils, tillagos, manures (nataral) and artificial), seeds, grasses, rueds,
Soils, tillagos, manures (nataral) and artificial), seeds, grasses, rueds,
traxitzent of passezes, ecopping, management of time stock (including
viable dairying), valuation of manures and feeding ating
chain surveying, and elementary selestes, explainatory of the principles
underlying ordinary farm practice.

63

425

620

The Summer Term will be given almost exclusively to practical train	ame
in the outdoor work of the farm	
Admission as an apprentice is conditional on passing the entrance	ex
amination, producing certificates of good health and character, and pay	dn
the required fee according to the scale indicated below.	

the required fee according to the scale indicated below.

Applicants who have been papils at Winter Agricultural Classes will be exempted from the entrance examination provided their attendance and progress at the Agricultural Classes have been satisfactory.

RNTRANCE EXAMINATION. Particulars as to the date of this examination and the place at which it will be held will be notified to each applicant.

The following subjects are included in the examination .—

Arithmetic—Simple calculations requiring a knowledge of weights and
measures.

English—Dictation, Grammar and Composition.

The examination will be of such a nature as should present little difficulty

to a young man who has passed the fifth standard at a National school.

The policy man who has passed the fifth standard at a National school.

The policy man who has passed the fifth standard at a National school.

The policy man who has been a papernine who general education is to be desirable to the policy of the Department, unmittable in any other respect for an appenticeship.

No excesses will be adjoved to condidates in connection with their attempts.

Free

 For apprentices whose parents or guardians derive their means of iving mainly from farming in Ireland the fees are proportional to the aggregate tenement valuation of their holdings, as follows:
 Per Session.

Where the aggregate valuation does not exceed £20
Exceeds £20 but does not exceed £20
Exceeds £40 but does not exceed £100
Exceeds £40 but does not exceed £100
2. For apprentices not instuded in the forgeing classes

These fees are in respect of the Wisher Term. No additional fees are required from apprentises who are retained for the Summer Term. Apprentises will be notified of the fees payable by them. Fees must be add to the Sugerintendents on entrance, and maddition a sum of 21 atom purchase of books, statistically experienced the continuous of the purchase of books, statistically, etc. The unexpended balance, if any, of this deposit nail be refunded at the close of the Social.

FRUE PLACES

A small number of free places provided under the terms of the Anne-Hall Bequest are available for applicants from the Countree of Permanagh and Londonderry. Applications for these places must be addressed in the fest instance to the Agricultural Superintendent, Royal Doblin Society, Leinster Home, Doblin.

OUNTR.

Apprentices will be required to provide themselves with a proper outfit, particulars of which will be supplied to the successful candidates.

Application for admission must be made on the prescribed form to be obtained from :--

THE DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR ISSUAND, UTFER MISSION STREET, DURLIN.

The applications will be dealt with in the order of their receipt in the Department's Offices.

FORM A. 134 (a), 1909. DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

AGRICULTURAL STATION, BALLYHAISE, CO. CAVAN.

SEESTON 1909-10.

CREAMERY COURSE.

Provision has been made at the Agricultural Station, Ballyhaise, for a course of technical instruction for young men who intend to become Creamery Managers. The course will commence on Wednesday, 6th October, 1909, and will ter-

The course will commone on Wednesday, 6th Ottober, 1909, and will item-minate on Friedry, 4th March, 1910. There will be an interval at Christman, from 20rd December, 1909, to find January, 1910, both days inclusive. The following askiptics will be included in the course: Physical Science and Christman and C The course will be particularly suitable for those who have had experience

of creamery work. Students wite intend to compete for Creamery Managers' certificates under the Department's scheme for improvement in the management of creamers will have special facilities for the study of these subjects precribed for the examination for these certificates which is to be held in March, 1910.

At the close of the technical course at Ballyhnuse Agricultural Station, a limited number of the best students will be afforded facilities for learning the practice of Creamery Management during the summer of 1910, in a selected creamery in Ireland. Such students will receive a maintenance allowance at the rate of ten shiflings per week, in addition to free instruc-Applicants for admission to the course must be at least inenty years

of age on the lat October, 1909. Admission is conditional on passing the entrance examination, producing Admission is constitutions on pilessing the contract of the specified fee.

Students of good bealth and character, and paying the specified fee.

Students are required to take part, as directed by the Principal, in all branches of the outdoor work of the station which relate to delirying.

branches or any outcomer work or the Station which remain to dissyring. They must conform strictly to the disciplinary rules in force at the Staffon. RETBANCE EXAMINATION.

Particulars as to the date of this examination and the place at which it will be held will be notified to each applicant. The following subjects are included in the examination: Arithmetic.-Calculations requiring a knowledge of weights and

measures, fractions and percentages. English.—Dictation, Grammar and Composition No expenses will be allowed to candidates in connection with their attendance at this examination.

The fee for tuition, board, residence, laundry and ordinary medical The fee must be paid to the Principal of the Station on entrance, and, in addition, a sum of £1 must be deposited at the same time to cover the cost of repairs to clother, the purchase of hoots, stationery, etc. The unexpended behance, if any, of this deposit will be refunded at the close

OUTFIT. Students will be required to provide themselves with a proper outfit, particulars of which will be supplied to the successful candidates.

10

APPRICATIONS FOR ADMISSION.

Application for admission must be made on the prescribed form to be obtained from

THE DEPARTMENT OF ACRICULTURE AND TRUMPICAL INSTRUCTION FOR IRELAND,

Applications will be dealt with in the order of their receips in the Department's Offices. They should be forwarded as soon as possible after lat July, and not later than 1st September, 1900.

Form A. 176 (c).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

AGRICULTURAL EDUCATION FOR YOUNG MEN.

SESSION 1909-TO.

FARM APPRENTICESHIPS.

AGRICULTURAL STATION, CLONAKILTY, COUNTY CORK.

Young men who intend to follow the farming profession and who desire to acquire a practical knowledge of its several branches are admitted to the Station as operations.

The form, a managed by an experienced appreciatorist under whose direction the appreciator are required to take part in all the work of the fields and of the framework, whether in connection with assumable operation in the current part of the connection of the contract of the contract

Applicated for apprenencing sense to red test that severeless yours of good to be 100 keV. 1000, and sets in margine at moderning that is it application form, evidence of a sure prospect of obtaining it form of processing the sense in Technology and the processing on a form. Technology will be given to applicate form of the Technology and the processing of the sense in Technology and the processing of the sense in Technology and the sense in Sense in the Sense in Sen

The apprentices are required to reside in the buildings attached to the station where they are in the charge of a house master and matron. The Session will commence on the 6th October, 1909, and will terminate on the 2nd September, 1910.

Admission as an approxime is conditional on passing the entrance examimation of the property of the conditional of the property of the entranced to according to the scale indirated overlead. Applicants who have been pupils at Whiter Agricultural Classes will be exempted from the entrance examination provided their attendance and progress at the Agricultural Classes have been suitisfactory.

ENTRANCE EXAMENATION.

Particulars as to the date of this examination and the place at which it will be held will be notified to each applicant.

The fellowing subjects are included in the examination :-

Artifametri.—Simple calculations requiring a knowledge of weights and measures.

English.—Dictation, Grammar and Composition.

The examination will be of such a nature as should present little difficulty

The examination will be of such a nature as should present little difficulty of a young man who has passed this fifth stunded at a National school.

No conditates will be admitted whose general education is insufficient to be considered to the opinion of the Department of the Depar

Fags.

I. For apprentices whose parents or guardians derive their means of irving mainty from farming in Ireland the fees are propertional to the aggregate tonement valuation of their holdings, as follows:....

Where the aggregate	walnotion d			nno.	13
Exceeds £20 but does	TOLIONEUDII L	CLAC.	exceed	220,	
Exceeds £40 hut does	HUL exceeds	240, .			
Exceeds £100.	mot exceed	2100, .			
manus arou,					

2. For apprendices not included in the foregoing classes, 2. 200 Apprendices will be suctified of the free payable by them. Fee must be paid to the Superintendent on contrasses, and in addition a sum of £1 must be deposited at the same time of the sum of £2 must be deposited at the same time close of the same time and the sum of £2 must be purchase of hocks, stationary etc. The unexpected business, if any, of this deposit will be refunded at the close of the scale business, if any, of this deposit will be refunded at the close of the scale business, if any, of this deposit will be refunded at the close of the scale business.

trice of the sea

Apprentices will be required to provide themselves with a proper outlet, particulars of which will be supplied to the successful candidates.

APPLICATIONS FOR ADMISSION.

Application for admission must be made on the prescribed form to be

obtained from—
The Department of Admiculture and

TRUMPICAL INSTRUCTION FOR INSUAND, UPPER MERSON ASSESSED DOORS.

The applications will be dealt with in the order of their receipt in the Department's Offices. They should be forwarded not inter than 15th August, 1909.

AGRICULTURAL COLLEGE, MOUNT BELLEW.

The College stands in a picture-sque and healthy position, in the midst of the charming woodlined somery of the Mount Bellew Demissio. It is under the management of the Franciscan Brothers.

New hampened and the second se

The Session for the year 1999-10 will commence on 1st September, 1990, and end on 25th June, 1990. Applicants must be sarteen years of age or over.

The course of instruction at the College methods the following subjects:

1.—Proteids Parming. Freey subdeat is secondaryed to take part in all

1.—It is a persistent, and is taught to follow the working of the
system of farming subjects, with interest and profits. Bach
subdeat keeps the fairness of a farm books and notes all outat if the farm yeeps his own. The final balancing at end of year
at if the farm yeeps his own. The final balancing at end of year

tells bim exactly how the tarm paid, what paid best and where leases were sustained, etc. 2—A course of Physics, Chamistey, and Biology explanatory of the natural precesses which increase or diminuous the returns from

farm operations.

3.—Farm Calculations, Surveying of Land. Values of Manures and Feeding Stuffs.

4.—Study of Seeds, Grasses, Weeds and Postures.
5.—Use of Natural and Artificial Manures.

Use of Natural and Artificial Manurea.
 Management of Live Stock. Winter Dairying

7.—Veterinary Hygwne. 8.—Poultry Kosping. 9.—Fruit Growing.

10.—Bee-Keeping. 11.—Woodwork. 12.—Book-keeping.

Ткиме.

Fifty Schelzenkaps of 210 each will be awarded thus year on the result of a qualifying Entrance Examination in the following subjects:—(a) English Compositions (their sawy or a latter); (b) Artitlation; tested by despited the examination is manyly to find out it candidates for adelectable here sufficient achility to profe by the programme of work outlined Each Schelzenkap Student will be required to give an undersking that

Each Scholarship Student will be required to give an undertaking that it is his intention to become a farmer in Ireland, or that he has a good prospect of obtaining occupation on a farm in Ireland. The Pension for those awarded Scholarships will be £15, payable in advance.

For all others the pension will be £25 payable in two instalments, £15 on day of entrance, and £10 on the first of February. The fee for non-resident stochus had be 35 per year, payable in advances. Students are under the supervision of the Brothers at all times—on the farm, in the historizations, dornitories, and at recreation.

Form A. 168 (c.).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

POULTRY PATTENING.

APPRENTICESH

The Department have made a transposents for the training, as appearing the property defining disastry of a limited number of young most who desert to become qualified for the position of positive factories of these considers of the property of the proper

Applicants for apprenticeships must be at least twenty years of age,

Applicants for apprehimentable intest on at least trenty years of age-given to those who have had experience in posity-keeping.

The appreniceships will be awarded on the result of an examination which will be hold in Dubits in January, 1910. The examination will in-back will be hold in Dubits in January, 1910. The examination will in-back with the property of the property of the property of the property of the be expected in these subjects. Each candidate will also be examined orally as to his general suitability for an apprenticeship. No expenses will be allowed to candidates in connection with their attend-

Successful candidates will be called up for training as vacancies for them occur. They will receive wages at the rate of 16s, per week from the date of their commencing work and will be required to find their own board and lodging. The engagement between apprentices and the Department may be determined at any time by one week's notice on either side.

The Department do not undertake to employ or to procure employment for apprentices on the conclusion of their training. Applications for apprenticeships must be made on forms provided for the purpose, which can be obtained from

THE SECRETARY TECHNICAL INSTRUCTION FOR IBELAND, UPPER MERRION STREET, DUBLIN.

Latest date for receiving applications, 18th January, 1910.

FORM A. 122 (a.). DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

THE MUNSTER INSTITUTE, CORK.

The classes at the Institute are open to female students only. The course of training includes :-

I. The practice of dairy-work. The treatment of milk and the making or butter on a large and on a small scale with the most modern machinery and implements, as well as with the appliances generally

II. Justi action in the feeding and management of cows, calves and pigs in the keeping of small gardens, and in the manipulation and III. Instruction in poultry-keeping. Breeds; their suitability for different

purposes and different kendities; housing, feeding and manage-ment; grading and packing of eggs; hetching and rearing of cinckens; fattening, killing, plucking, trussing and preparation for market.

 Intraction in domestic work, embracing plain cookery, plain needle-work, hundry work, and home nursing. The fee for tuition, board and lodging during one session is £3 3s , and

is payable to the Superintendent of the Invatinte on entrance.

Four resolves, each of about eleren weeks' duration, and commencing,
respectively, in January, March, July and October, are held in each year. Intending students must be at least seventeen years of age on the date of their admission to the Institute. They are required to produce certificates of good health and character and to show that they have received sufficient ceneral education to enable them to follow the course.

Students are eligible for admission to a second consecutive session, provided they sitain the required standard at the examination at the conclusion of their first session.

Students who have attended during two sessions, and who are desirons of qualifying for the position of Hinerant Instructor in butter-making or poultry-keeping under a County Committee of Agriculture and Technical Instruction or of Tacabay in a School of Bural Domestic Economy for girls, are admitted to a three session on attaining the required standard at the second terminal examination and satisfying the Department's examinate as to their ability to unpart instruction. If their progress during the threat session is satisfactory they are re-admitted to enable them to complete their training.

Attendance at the Institute during five or six sessions is necessary to qualify students for admission to the examinations for Instructorships and Toucherships.

The Department do not undertake to employ or to find employment for students on completion of their training at the Institute. A limited number of free places and half-free places are awarded to the

students who display special merit at the terminal examination of the first session to enable them to avail of a second session entirely or partially free of expense. A few similar places are also offered to students who have attended two sessions at the Institute,

The students are at all times under the supervision of an experienced

metron.

Applications for admission must be made on the prescribed form which can be obtained from—

THE SECURTARY,
DEPARTMENT OF ACRECULTURE AND
TECHNICAL INSTRUCTION FOR IRELAND,
TOWNS MERGEN STREET, DUNIAN,

-Рокы A 255 (a).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

THE ULSTER DAIRY SCHOOL, COOKSTOWN, CO. TYRONE.

The School is situated on an extensive tillage and dairy farm about three miles from Colastown Railway Station. It is provided with the most modern equipment for the teaching of 'the several subjects included in the programme.

The classes are open to female students only. The course of training includes:—

I. The practice of dairy work. The treatment of milk and the making of butter on a large and on a small scale with the most modern machinery and implements, as well as with the apphasoes generally used in farm dairies.
III. Instruction is the feeding and management of cows, and in farmyard

III. Instruction in poultry-keeping. Bicods; their anitability for different purposes and different localities; housing, feeding and management; grading and packing of eggs, batching and rearing of chickens by natural and by artificial methods; fattening, killing.

IV. Instruction in demositic work, embracing plain occibery, plain needlemork and intunty work.

work and laundry work.

The fee for tuition, board and lodging during one session is £3 3s., and is payable to the Superintendent of the School on entrance.

Four resissons, each of about eleven weeks' duration, and commencing.

Four resisions, each of about elevan weaks "durition, and combination; respectively, in January, March, July, and October, are had in each year. Insteading students must be al., The Details of the Combine of the Comb

Students are eligible for admission to a second consecutive session, provided they attain the required standard at the examination at the conclusion of their first session.

ned image digitised by the University of Southempton Library Digitisation Unit

Students who have attended during two sections, and who are desarron of qualifying for the position of fixment instruction; is nateromaking or positive Assigner under a County Committee of Agricultense or of Trusher as a Schol of Restrict Dismostate Economy for girls, rays be admitted to a school of Restrict Dismostate Economy for girls, rays be admitted to a few and examination and satisfy the Department's scaled as the necessity of the County of the Department to enable their creatings the county of the Department to enable their countyies their creatings the county of the Department to enable their creatings the county of the Department to enable their creatings of the County of the Department to enable their creatings of the County of the Department of the county of the Department of the Department

The Department do not undertake to employ or to find employment for students on completion of their training at the School. The students are at all times under the supervision of a responsible maters.

Applications for admission must be made on the prescribed form, which can be obtained from—
Ten Securator.

DEFARMANT OF ASSISTANCE AND
TRUBERLA INSTRUCTION FOR ISSIAND,
UPPER MERRICS STREET, DURING

FORM A. 135 (c).
DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION
FOR IRELAND.

SCHOOL OF RURAL DOMESTIC ECONOMY, LOUGHGLYNN, CO. ROSCOMMON.

This school has been entablished in order to provide the women and prince of the neighborhood with such principal training as will enable them to increase the comfort of their house and improve generally the conditions under which they iver. The particular object of the Department myster of the properties of the prop

Duirying.—Including the making of choose as well as butter; and the caring and feeding of core and calves. Positry.keeping.—The rearing and management of hous, durks, turkeys

Ante general and general scanagement of page.

Gordensey—The cellivation of such regetables, fruits, and flowers as may be grown in the cottage garden.

Scuring, Knitting, and Mending—Including the making and repairing of garments of every kind worn in the district. Washing and Irosing. Gooking—The preparation, with inexpensive and simple utensits, of

those dishes for which the materials are furnished by the products of the farm and the garden. Open hearths are used. The Groomey and decoration of the home.

Home Industries which can be carried on in time not required for the farm or the homehold, such as inco-making, embroidery, carpet weaving, the making of artificial flowers, etc.

The School is open to all who wish to enter, without restriction as to religious denomination. No fees are psyable; the only conditions which the upulls much fulfill are that they abould be more than fourteen years of age and reside sufficiently near the School to permit of their returning duly to their bounce.

In order to give the besom direct, practical application to the home for of the people, the pupils are required to bring with them to the school, so far as may be practicable, the unstartial model the contraction of the production of the production of the production of the contraction of the dilutes to be cooled; the cloth for new garacterist jies oftables to be required, washed or ironal. The people sales howe with them the production of t

Housewives, and others in the neighbourhood who are not in a goalision to attend the classes daily, are at thisery to avail themselves of the instruction may subject, and to come to the school for skytee whenever they desire it in connection with their home work; and the tozehors are prepared to visit the houses of persons who desire their guidance in the difficulties of household management.

Form A. 135 (6) DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR TRELAND

SCHOOL OF RURAL DOMESTIC ECONOMY.

ST. MARY'S CONVENT OF MERCY, PORTUMNA, CO. GALWAY.

The school is open to female pupils over sixteen years of age without restriction as to religious denomination.

The course of instruction is interded to qualify the pupils to perform efficiently the work of rural life, and itselfudes—Dairying, Fourier-kenging, Horticulture, Honesbold Management, Ocolevy, Laundry, work, and Nedde-

The school year extends from the beginning of October to the and of August, and is ultrided into two sessions, which locked, respectively, in Intending pupils are required to produce certificates of good health and character. They will not be admitted unless they have received sufficient general education to enable them to follow the course.

Day Purma,

Applications for the admission of day pupils should be made to the Manager at the School. No fees are payable by day pupils.

REGIDENT PUPILS

Fitteen phases for resident pugits are provided by the Department.

The fee fee training, became and ledging during one section, covering a manager of contrastor.

Amanger of contrastor.

Pugits whose conduct and progress during their firm ussion are satisfactory are eligible for admission to a second consecutive session on pay-

factory are eligible for admission to a second consecutive session on payment of the above-mentioned fee.

Application for admission must be made on the prescribed form, which can be elitained from

The DEPENDENCE OF ACRECUATERS AND

Thouseal Issuecution for Indiand, Urren Merrion-Street, Donley.

Norm.—Somewhat similar prospectuses were issued in respect of the achoels at Claremorris, Clifdon, Swinford, and Westport.

FORM A. 125 (b).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

SCHOOL OF RURAL DOMESTIC ECONOMY. CONVENT OF ST. LOUIS, RAMSGRANGE, CO. WEXFORD.

The school is open to female students over sixtoen years of age, without restriction as to religious denomination,

restriction as to religious denomination. The course of training is intended to qualify the pupils to perform The course of training is intended to qualify the work of rarial life, and includes—Darryna, Poultry-kossyna, Bortwelture, Household Managemon, Gookey, Laundry-work and Needle-Burthelline, Borden and Needle-Burthelline in English, Arthumstir, Book keeping, Elementary of the Company of the Company of the New York of the Company of the New York of the New York of the New York of New York of the New York of New York of the New York of The school year extends from the beginning of October to the end of August, and is divided into two sessions, which begin, respectively, in

October and in March. Thirty places for resident students are provided by the Department. The fee for tuition, heard and ledging during one session, payable by the helders of these places, is £3, and applicants are required, before admission

second of these packet, is \$3,0 and applicants are required, before admission to the school, to produce coefficients of good health and character, and to pass an examination in the elements of English and Arithmetic. The fee payable by recident pupils other than belower at these places is £10 per season. Day pupils are admitted at a fee of £1 per session. Fees must be paid to the Manager on entrappe. Pupils whose conduct and progress during their first session are satisfactory are eligible for admission to a second consecutive session.

Application for admission as a resident student must be made on the prescribed form, which can be obtained from THE SECRETARY,

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSPRDICTION FOR IRELAND, UPPER MERRICO STREET, DURIAN. Applications for the admission of day pupils should be made to the

Manager at the school, FORM A. 185 (f).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR TRELAND

SCHOOL OF RURAL DOMESTIC ECONOMY, KILLESHANDRA VILLAGE INSTITUTE, CO. CAVAN.

The school is open to female pupils over fifteen years of age, without The sensor is even to remain people one nevers years one, whose restriction as to religious denomination.

The course of instruction is intended to qualify the pupils to perform efficiently the work of rural life. It includes Household Management, Cookery, Laundry-work and Needle-work. Attention is also given to Dairy Work and Poultry-keeping.

Intending pupils must undertake to attend regularly and punctually. They may be required to produce certificates of good health and character and to show that they have received sufficient general education to enable them to follow the course. Arrangements have been made which admit of four pupils being broarded

and ledged at the school. The girls to whom these residential places will be awarded will be selected by the Manager subject to the approval of the be awarded wan se senerced by the anamages sourcet so one approves or such Department, and they will be allowed to reside at the school for such

The annual session at the school extends from the heginning of October to the end of July, and is divided into three terms, which commence, respectively, in October, January, and April.

The classes are held each day (Sundays excepted) from 11 a.m. to 5 p.m.

FEER. The fees are proportioned to the valuation of the holdings of the punits'

parents or guardians as follows :-A. FOR DAY PUPILS.

Where the valuation does not exceed £30

Where the valuation exceeds £20 hut does not ex-Where the valuation exceeds £40 . B. FOR RESIDENT PUPILS. Where the valuation does not exceed £20 . ±1 0s. 0d.

Where the valuation exceeds £20 hut does not exored £40 , #3 10s, Od. Where the valuation exceeds £40 . £2 Os. Od. Special classes in simple Cooking and Household Work are held on Saturdays for the instruction of school girls (above fifth standard).

In the case of persons, such as mothers of families, who are too much occupied with their household work to attend regularly throughout the term, arrangements will be made to admet of their attending any one course or separate lessons. Applications for admission should be made to

THE DOMESTIC ECONOMY INSTRUCTURES

THE INSTITUTE.

KILLEBHANDSA.

FORM A. 181 (a).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND. FORESTRY INSTRUCTION.

A limited number of apprenticeships in Forestry will be awarded on the result of an examination which will be held at the Royal College of Science, Dublin, on the 7th September, 1909. The subjects included in this examination will be :-English—to be tested by dictation and a short letter.

Arithmetic—the first four rules, ample and compound; a knowledge

of weights and measures, propertion, and percentages.

A high standard will not be expected No expenses will be allowed to condidates in connection with their attendance at this examination.

Applicants for apprenticeships must be at least eighteen years of age on the lat October, 1909, in good health, and of strong constitution, and should have received a fair general education. Preterence will be given to those applicants who have had experience in working in woods. The selected applicants will be required to writ under the directions of a skilled foreman, for at least one year, in one of the woods belonging to the Department. During this period apprentices will be given facilities for improving their general chemiston. Apprenious who acquire themselves in such a manner as to lead the Department to believe that they are likely to make suitable foresters may, at the end of this period, he selected to attend a further course of instruction at Avondale Porcety Station, Rathdrum. The duration of the course at Avondale may extend from one to two years, and in addition to observoes instruction apprentices will be required to take part in the vowth of the woods attached to the station on in such of the woods belonging to the Department as may be decided or from time to

time.

Successful candidates will be required to enter on their duties on the 4th
October, 1909.

October, inference will receive during the first year an allowance at the rate of the, per week, with furnished lodging. What in receipe of the allowance the apprentices will be required to find their own heard. Such apprentices as are acclosed to stated at Armandale states for a farther period of training will be provided with free beard, bedging and education. Apprentice and under the conform with the rules and explantice and the conform with the rules and explantion.

mode from time to time in connection with their work in the Department's woods and at the Forestry station.

The engagement between apprehences and the Department may be deter-

mined at any time by one week's notice on either side.

The Department do not undertake to employ or to procure employment for apprentices on completion of their training.

Applications for apprenticeships must be made on the prescribed forms.

to be obtained from .

THE DEFAUTMENT OF AGRICULTURE
AND TRUINGAL INSTRUCTION,

UTTER MERITON-STREET,
DURLIN.
Last date for making application—24th August, 1999.

FORM A. 109 (a).

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

FORESTRY.

NOTICE TO OWNERS OF WOODS AND PERSONS PROPOSING TO FORM PLANTATIONS.

The Department are prepared to afford expert assistance to landowners and others who may require savice on such mattern as the selection of sites for phastitions, unlability of soil, choice of trees, irectment and valuation of existing woods, draining and fencing of wordlands, releasing no distinct of existing woods, and the selection of timber, growing of success, etc.

The Department's Procesty Expect will, so far as time will permit, visit excitating woods or lands which it is proposed to plant. In auth cases a few of £3, is cover part of the Repert's expente, will be sharing observable. For visits extending over a longer period in special few may be arranged, has the Department do not guarantee that more than one complete day and anythough the process of the property of the

The Department are the propered to facilitate the planning of small areas by placing at the disposal of persons who propose to force plannings the services of any corking foresten who can be spared from the Department's woods for n few reads in the planning season. The wages and travelling expense of these forestens must be paid by the persons by whom they are employed.

The undermentioned leaflets on forestry subjects have been issued by the Department, and will be supplied to applicants free of charge :--

No. 65.—Forestry.—The Planting of Waste Lands. No. 68.—The Proper Method of Planting Forest Trees.

Trees for Poles and Timber, Trees for Shelter and Ornament. No. 68.

Planting, Management, and Preservation of Shelter Belt and Hedgerow Timber.

No. 71. No. 72. The Management of Plentations. Feling and Selling Timber.
The Planting and Management of Hedges.
Cultivation of Oriers. No. 73.

Cost of Forest Planting

Applications for visits from the Expert or for the services of skilled planters should be made on the forms provided for the purpose, and will be attended to as far as possible in order of their receipt in the Department's efficar

Letters, which need not be stamped, should be addressed to THE SECRETARY.

DEPARTMENT OF AGRICULTURE AND TRUMBURAL INSTRUCTION FOR IRRIAND,
USERS MERRICO STREET, DUBLIN.

[COPY] DEPARTMENT OF AGRICULTURE AND TECHNICAL INSURPORTION FOR DESIGNE. UPPER MERRION STREET, Dubles, 30th April, 1910.

No. 8058.10

S12, I have to transmit, for the information of your Council, a copy of the Report of the Committee on Irish Forestry, appointed by the Department in 1907, to inquire into and report upon certain matters relating to the improvement of forestry in Ireland, and to direct the special strention of the Council to the portions of the report which refer to the action that may be taken by County Councils in promoting afforestation.

With a view to the preservation and extension of woodland areas, it has now been arranged with the Estates Commissioners that, in cases where those forces areas which are of sufficient extent for economic working by a central authority. The smaller areas cannot, however, be dealt with in this manner. Many small woods and plantations can be permanently main-tained only by local authorities, in accordance with schemes on such lines as are cutlined in the report of the Forestry Counciltee. The Department, therefore, desire to learn to what extent County Councils are prepared to institute local forestry schemes applicable to any property which might appear, on inspection by the Department's Forestry Expert, to be suitable

For acquisition by a County Council.

Forestry is one of the purposes to which rates raised by County Councils under the Agriculture and Technical Instruction (Ireland) Act may be applied In addition to the rate, not exceeding on penny in the pound, specially provided for in that Act, a Council may strike an additional rate, of 1889 and 1891, and, in accordance with the provisions of Section 19 (2) of

the 1809 Act, apply the proceeds to any of the purposes contemplated in the last mentioned Act. The application to forestry work of the funds preduced by these rates must be in accordance with a scheme previously approved by

she Department.
The Department are advised that, under the Act of 1209, a County
Council may acquire and held hand for forestry purposes, while section. He
council may acquire and held hand for forestry purposes, while section is
the county of the council of the council of the council of the county
of the county of the council of the council of the county of the council of the council of the purposes.

In course of purchase by a Council under the last amount
of the purpose. In cover of purchase by a Council under the last amount
of the purpose of the purpose of the materials county
of the department.

In the county of the council of the purpose of the Department.

Besides has forces hands which may be brought to the Department's motive by the Estate Commissioners, other such bands will, no doubt, to effected direct to the Department and to County Conzells. If a County Conzell is willing to undertable forcity work, the Department will have such hand as may appear to be mitable for its purpose impected free of charge and report between turnished to the Council. The Department of the Council who adopt faccotry schemes say expert advice which may be measured.

When a County Council adopts a forestry scheme approved by the Department, it will generally be found most convonient under existing conditions for the County, as soon as the lands have been equired by them, to delegate to the County Committee of Agreeulture the administration of the details of the scheme. The County Council to County Council to the Scheme and the scheme as the

body corporate, counce orquire or hold land.

At present the rates mortisoned above are the only some four which we have to be compared to the contract of t

considerable pertion of the expenses of replanting.
As the existence of greening or other rights over lands suitable for
forestry might in many instances present their being acquired for planting
by Coasty Councils or other treatees, provision has been made in Section
19 (1) of the recent Land Act for the release from such rights of forest
lands purchased or proposed to be purchased by frustree.

lands purchased or proposed to be purchased by trustees.

The Lands, purchased or proposed to be purchased by trustees.

The Lands, below the proposed to be purchased by the provision by which provides to be purchased to be purchased to be purchased to the purchased to be purchased to the purch

destructive of the brauly of the landscape, is a matter of general public concern, and County Councils can greatly aid in checking the abuse by censuing their effects to report to the Department any inhalmers of it which come to their notice.

The Department feel that County Councils do not require to be con.

vinced of the necessity for taking premptly such measures as are within their power for the prevention of further uncountered destruction of woods.

and for that extension of wooded areas which is so desirable in every county.

I have to add that the Department will be glid if your Coaneil will, at their next meeting, give special attention to the subject matter of this better, and communicate the results of their consideration to these offices. in due course. In approved cases the Department will be prepared to conduct, on behalf of the County Council, the purchase negotiations with the Estates Commissioners.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IBELAND.

AGRICULTURAL SCHEMES, 1909-10. 15645.09.

Sm,

In forwarding for the information of your Committee the accompanying copies of the agricultural schemes for 1900-10, the Department desire to direct special attention to the alterations which have been made in the schemes, as well as to some of the more important regulations.

Scheme No. 1 .- Horses.

Thoroughbred stallions are defined in clause 10 as those calculated to produce weight-carrying hunters and high-class harness horses. The last date for receiving applications for the regutration of stallions, without fee, is the 30th September, 1909. Applications in respect of stallions already at stud in Ireland will not be accepted after 90th November, 1909 (clause 18)

Scheme No. 2 .- Cuttle.

Under clause 13 the County Committee at their discretion may fix the value of a premium for a high-class pure-bred holl at any figure they wish value of a premium for a magazasse pare-tile use a say agent so provided it is not less than £10 nor more than £15. The service assistant for a premium hall will henceforth commence on the date on which the owner notifies the Secretary of the County Committee that he has provided a hull (clause 18). Scheme No. 3 .- Sarine

The value of the premium for hours of all recognized breeds is now fixed at a uniform figure, viz.:—25 for the first year and £3 for the second year (clauses 10 and £3.

Stheme No. 4 .- Logns for Stallsons .- No change. Scheme No. 5 .- Logsa for Bulls .- No change.

Scheme No. 6 .- Subsidies to Agricultural, etc., Someties. This scheme has been revised so as to ensure that all societies receiving

subsidies must be made to the County Committee by the Show Societies or other holies concerned, on the prescribed form not later than 1st February, 1910, and it will devolve on each Conniy Committee to coisider all such applications not later than 1st March, 1910 (clause 2).

Owing to the laxity with which this scheme has been administered in certain counties in the past, the Department desire to call attention to clause 11, and to give due notice that they will in future strictly enforce this clause. As portion of the funds available for the scheme may be expended on

As portion of the coses avanages for one scenar may be expensed on skilled labour competitions, the Department augusts that, in addition to encouraging ploughing mateixs, the County Committees abould endoavour to organise other competitions, for example, in digging, hedge-cutting, ditching, thatching, turnsp thinning, milking, etc., implements trials suitable for different seasons, etc.

Scheme No. 7 .- Prizes for Cottages and Small Farms.

In regard to the certion for outages with gardens, County Committees in awarding prices may choose any one of the following methods of payment—(a) wholly in each, (b) wholly in fruit trees and needs (c) partly in ruth and partly in fruit trees and needs (clause I). Ill be a matter for the County Committee to with. National wholl teachers are ineligible to comprehended the advanced of the committee of the county of th

Scheme No. 9 .- Instruction in Agriculture.

Instructors who use motor cycles may be given an allowance of 5d. per mile.

Scheme No. 10.—Winter Agricultural Gasses: It will be observed (clauses 3 and 4) that the minimum period during

which classes may be held has been fixed at fastion weeks, that instruction shall be given for at least four hours each day, and that in exceptional circumstances young men not less than fitteen years of age may be similted.

Scheme No. II.—Powltru Krepusq.

The qualifying number of sittings of eggs to be distributed from each

hen and duck station has been increased from seventy to sighty (clause 10). Hoodan ford will be approved for 1969-10 only at these stations at which he breed was kept her year. Hordans will not, however, be recognised in any future year.

Scheme No. 12.—Tutorial and Practical Classes in Poultry Keeping. The methods of organising and conducting the classes are now very fully

set forth in this scheme.

Scheme No. 13,--Butter-making.

This scheme will be continued on the lines adopted in previous years.

Scheme No. 14.—Horticulture and Bethesping.

The Instructors under this subsine who use motor cycles may receive an

County Committees who decide to purchase trees, etc., in bulk for resale at cost price, installing carriage, to residents in the county should cake steps early in the autumn to obtain tenders from surresyment. The tenders must be submitted to the Department not later than 1st January, 1910 (clause 9).

Demonstration plots under the scheme may not be established in connection with National or other Primary Schools or Teachers' Residences (dause 11).

It will be observed that no provision has been made in this solume for the cost of fearing of plots. Where such may be necessary, all expense of the nature must be defrayed by the person on whose land it is intended to establish the plot. The lists of trees, vegetables, etc., recommended for demonstrately plots have been revised.

Female Instructors or Teachers.

The Department have found it desirable to make a rule that the appointment of a founds instructor shall terminate, as a matter of course, on her marriage, A provision to that effect has been inserted in sobmes Nos. 11 and 13, in connection with which femule instructors are unaily sumplyed, but the rule will be applied to such who may be employed under any other agricultural achieme.

A supply of the schemes will be usued to you on receipt of your application, which should be made on the accompanying form. It is particularly requested time y-array and during the year.

I am, Sir,

Your abedient Serrant,

T. requested that you will not ask for more copies than can be profitably

at, T. P. Gull, Secretary.

The Secretary of each County Committee of Agriculture.

Scheme No. 1

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

SCHEME FOR ENCOURAGING IMPROVEMENT IN THE BREEDS OF HORSES.

GENERAL REGULATIONS.

. The main objects of this scheme are to encourage the improvement of Horse Breeding in Ireland by inducing stallion owners to keep smitable and sound sires of a high degree of excellence, and by indusing farmers to retain their kest roung marks for extensions, and of likening farmers to retain their kest roung marks for breeding purposes. When arranging the details of this scheme to suit local requirements each County Committee of Agriculture and Technical Instruction, or County Committee of Agri-culture, as the case may be, hereinafter referred to as the County Com-mittee, in requised to scource to small farmers as large a place of the mittee, in requised to scource to small farmers as large a place of the resulting benefits as as practicable

2. The sum to be provided by the Department under this scheme for coccuraging improvement in the breeds of horses in a county will depend on—(1) the amount provided in aid of the scheme by local authorities, (3) on—(i) the amount in no or me semme by some analysis of the special needs of the locality, and (3) the proportion which the amount of the local contribution hears to the genuine capacity of the locality to

In accordance with Section 16 (6) of the Agriculture and Technical Instruction (Irstand) Act, 1869, the Department will not, in the absence of special considerations, apply or approve of the application of money under this scheme in a locality out of which aid is not given either by local authorities or from other local sources.

The joint fund available under this and other live stock schemes, comprising the grant from the Department and the money provided locally. will, subject to the approval of the Department, he administered in a with, anisyes to take approvision of the Supartment, so administered in a county in accordance with the provisions of Clausse 6 and 7.

4. The Scoredary of the County Committee, brendster referred to as the Secretary, whose appointment for the year and whose duties must first

be approved by the Department, shall act as Secretary to the sub-committee 5. It will be the duty of the Secretary to submit, for the approval of the

Department, all details of schemes proposed for his county. No section shall be taken by the County Committee towards putting this scheme into operation until the scarcion of the Department has been obtained in writing.

6. The County Council should by resolution delegate to the County Committee full powers for the purposes of the Agriculture and Technical Instruction (Ireland) Act, 1899, and that Committee about appoint from among their own members an executive sub-committee for five stock. No payments, however, in connection with this scheme shall be authorised except by the County Committee.

7. The duties of the sub-committee for live stock will be to frame the details of the live stock solvenes for the country is assordance with the conditions of the Bepartment's general shares, and to not a pile sensetive beautiful to the stock of the sub-condition of the Bepartment's general shares, and to the spike stock beautiful to the sub-condition of the stock of the sub-condition shall not have the power of authorising any payment of the sub-condition of the sub-condition shall not the sub-condition shall not be sub-conditionally sub-condition of the sub-condition shall not sub-condition shall not be sub-conditionally sub-condition shall not sub-conditionally sub-conditions.

8. The yeart fund availates under this science shall, arter the expense of administration are provided for, he applied solely for nonunations of marcs.
9. In the event of there not being a sufficient number of registered

similians in any county for the purposes of this sebeme, the Department may provide for such county, under contain conditions to be prescribed by those, by assisting approved applicants, whether individuals or assectations, to bey suitable stallions under the Department's atheme of loans for the purchase of stallions.

REGISTRATION OF STALLIONS. 10. Thoroughbred stallions, calculated to preduce weight-carrying

hunters and high-class harness houses, may be registered for any county in Ireland. Irish Draught and Half-bred stallions may be registered for any county

High Pragges and Land-nrce stations may be registered for any county in funds.

In funds.

In funds and Shirs stallions registered in 1906 may again to offered for togetration under this achiesis for the particular districts in which hey were registered during that yan, thut no other stallings of these breeds will be accepted for registration in 1900 except for the Province of Ulster, the counties of Dublin and Louth, and the district comprised witfile a

radius of too milks of the city of Girk.

I. The Despurement will publish a Register of Theorogiahrod, Irish Draught, Hald-Ired, Cyleinisho, and Shire Sirve approved for service under the city of th

Register of Stallifeas for the year 1910. Capies of the Register, when published, may be had free of charge on application to the Department. 12. (1.) Owners offering their stallines under this scheme must, if required, submit them to imapection and veterinary examination by the Department. Notice of the arrangements are bylace and method of impre-

tion will he given.

(2) Owners of stallions failing to present their animals for inspection on the dates and at the places selected will he hiable to have their applica-

tions cancelled by the blepartment.

(2.) Thoroughlered stallows, is qualify for regarration, must be entered in Westsherby's Stud Book, or, if Chydeslake or Shire, be entered in the stall looks of the respective breed. If required the stallion owner or iff the stall looks of the respective breed. If required the stallion of respective to recommendation of the stalling of the sta

or will duly appear in the next requirement of sentered in the stud room

(4.) No application will be considered in which every particular required
in the form of application is not supplied.

(5.) No application will be considered in which every particular required
in the form of application is not supplied.

(6.) No application will be commissed in respect of a stallion feeled in 190s.

(6.) The owner of a stallion accepted under this scheme must agree not to permit that stallion to serve more than fifty nominated mere, which are quittled to its services. This regulation is subject, however, to the condi-

tions stated in Chance 21 (14), 22 (1), and 30.

(3) Stallman approved under this actions will be accepted for particular chartest only, and shall not, without he written concent of the Department, he removed to other districts. If a fallion is removed without sent consent to a district for which it was not accepted, the name of each cossent to a district for which it was not accepted, the name of each

stallion shall be removed from the Register, and the owner shall forfeit all claim to any monies which may be payable to him under this scheme. 13. Forms of application for the purposes of this scheme may be had from the Department.

One of these forms, accurately filled up in every particular and signed by the owner or his agent, must be ledged in or sent by post so as to reach the offices of the Department not later than the 30th day of September,

An application received subsequent to that date, and before the 30th day of November, 1909, must be accompanied by a fee of £5 Applications for registration in respect of stallions already at stuff in

Ireland will not be accepted after the 30th day of November, 1909. 14. (L.) Applications in respect of stellions imported into Ireland after 15. (1.5. appendicted in respect of secondaries with the 30th day of Sephenher, 1000, will be considered without feel frecived on any date up to the 18th February, 1910. Similar applications in regard to stalliness in Treland which have not proviously been used for stall purposes will be considered up to 38th February, 1910, provided they are cach accompanied by a fee of 55. The entry of such stalliness in the public lished Register for 1910 cannot, however, be guaranteed, but the owners of

such summin we detected at the printed Register:

(2.) A person in Ireland insteading to import a stallion or to buy a stallion already located in Ireland is advised not to complete the purchase until he has received formal notice in writing from the Department that the stallion in question will be accepted under this scheme for a particular

district. [See clause 18.] (3.) The Department will, as far as practicable, supply the services of

their Inspectors free of charge to persons in Ireland intending to purchase and import suitable stallions for districts in which there is not a sufficient number of approved stallions for the purposes of this scheme; the stallion, however, must have been seen and provisionally approved by the intending (4.) The vendor of a Pure-hred sire must, if required, submit a certificate

from the Secretary of the stud book to the effect that the animal is entered in the stud book, or will duly appear in the next volume 15. Stallions may be improved for their general meret and fitness for

the purposes of the scheme. Such inspection shall be carried out by one or more Inspectors appointed by the Department. If the stallion has been to stud, evidence of his fruitfulness, and, where practicable, of the charactor of his stock, must be produced, if required. Inspection for general fitness, when deemed necessary, shall, as far as possible, precede veterinary examination 16. (1.) The veterinary examination shall be carried out by one or more

qualified Vetermary Surgeons, appointed by the Department. (2.) No stallion shall be rejected as unsound unless suffering from one

of the following disease: —Catarinet, Roaring, Whisting, Ringdone, Side-hone, Unsound Fost, Spavin, Curb. hone, Unsound Feet, Spavin, Curb.

17. The inspection for general merit and fitness and the veterinar and the veterinar and the inspection for general merit and fitness where evidence of the curbs where the curbs w examination of stallions may be dispensed with in cases where evidence of suitability and soundness have been sufficiently established to satisfy the

The Department, however, shall have the right to inspect an accepted stallion at any time. 18. The Department cannot undertake to disclose their reasons for the

non-acceptance of any animal, but with the exceptions bereinafter men-tioned the owner of any stallion in Ireland not accepted may have he tioned the owner of any stamon in present the behavior of the Department. Recry notice of appeal must be accompanied by a fee of £5, which will be returned in the event of the appeal being upheld. Notice of appeal must be given in writing within ten days from the date of the letter of rejection. This privilege shall not extend to cases in which stalljone have been rejected on appeal in a previous year or to cases in which stallions are offered under clause 14 (I and 2) 19. The Department reserve to themselves the right, without assigning

any reason, or without inspection or veterinary examination, to decline

to place or retain on the Register any stallion for the purpose of this scheme.

No right of opposi shall lie in the case of stallions rejected under this

clause.

30. Owners of stallions making, or promising to make, any gift to the owner of a nominated mare of a portion of the service fee, allowing a manimated mare to be served by a stallion other than that originally selected by the owner of the mare, or detected in any other froutdened protection in commention which has shown giald have their forms article and the selection of the selection o

NOMINATIONS OF MARES.

21 (1) Upon consecutive dates, and at places to be first approved by the Department, exhibitions of farmers' mares shall be held in each county for the purpose of issuing nonmations.

(2.) Wherever practicable, and in order to avoid unnecessary expense, two exhibitions should be held on one day at two contres, i.e., one in the morning and one in the afternoon.

(8) The County Committee shall give due notice to farmers in the county of the dates, etc., fixed for such conititions by means of posters, advertuements on the local newspapers, circulars, or such other methed as may be deemed by the Committee to be the most offective and economical for the

(4) The Secretary must send to the Department two copies of color hands paster, advertagement, creather or other notice as zoon as zeroed.
(5) The Secretary shall receive entries for each exhibition on forms to be extended from hum. Each form must be spend by the owner of the zoro, who must verify on the form that all the perturbating given thereon many that the property of the color of the property of the proper

(6). Mares to receive nominations must be the bono-fide property of a farmer resident in the county (with the exception of the case provided for in No. 9 of this clause).

(7.) In order to secure the second of the man objects stated in Clause 1 of this scheme, preference will be given to the best young mares under an years of ago.
(8) Each mare must be the bona-fide property of a farmer, the tenement.

valuation in aggregate of whose holding or holdings, wherever situated, and for which so is rated, does not exceed the limit fixed by the Country Committee.

Subject to such conditions as may be prescribed by the Department,

berds marcs will be sligible to compete for accuminations.

(8) A fainure whose bedding attends into more than one rounty may apply for a nomination in any one of the countries in which he holds land provided the aggregate teniment valuation of the holdings, wherever strated, and for which he is rated, does not exceed the land when the countries in the contract of the holdings, wherever strated, and for which he is rated, does not exceed the land when the countries are the contract of the land when the countries are considered.

(6) for the county in which he propose is compete.
(10.) The marse to rootive nominations side by salvedge of plages appainted by the Department, and they must be passed free from any hereeftury directs by a Vetermary Surgoon appointed for that purposes by the Department. The decisions of the judge and of the Veterinary Surgoon are to the anniability and somndares respectively of marse for more for

(11) No farmer abili receive more than one nomination, unless the number of marse selected and reserved he insufficient for the granting of the full unaker of nominations alletted to the county, in which case a second nomination may be awarded.

(12) At each bessel exhibition all eligible mares not selected for somina-

second amin on pinted on a reserved jet in atrict order of merit.

(13.) Owners of registered stallions have a right to require hebbles tobe used.

(14.) Owners of registered stallions may refuse service to mares suffer ing from a contamous disease; but the reasons for such refusal must be intimated immediately to the Department and to the County Committee by the stallion owner. Mares can be served only at their owners' risk. 22. The County Committee, with the approval of the Department,

may-subject to the provisions of Clause 10, restrict mominations to any one or more of the breeds of stallions on the Reguster;

(2.) refuse a nomination for any mare, without assigning any reason (3.) for the purpose of identification, brand all mares selected for

mominations; (4) require the owner of each nominated mare to deposit a sum not exceeding £2, such deposit to be refunded if the mare is served by the selected stellion or to be forfeited to the Committee in the event of the

owner failing without sufficient cause to have the mare seved by such (5.) make regulations which will render a farmer who, without sufficient cause, fails to send his nominated more to the selected stalhon, includible

to enter mares for nomiuations in subsequent years; and (6.) make regulations in regard to any other matter under this scheme.

All approved regulations made under this clause by a County Committee shall take effect in the county as if incorporatel in this scheme.

23. The term "farmer" is to be understood to mean a person who derives his means of living mainly from farming. 24. (I.) The lists of owners of mares selected for nomination and of mares reserved must be submitted to the Department by the Secretary,

within six days after the date of the last exhibition in the county, on the form supplied for the purpose-(2.) The dockets for the selection of stallions and the service tickets will

be supplied to the Secretary, when such form, complete, has been received by the Department. The selection deckets and service tickets shall then the necessary check and authorisation for issue (3.) The Secretary, before issuing the selection docket, shall date it

(4) The service ticket must not be issued by the Secretary until the owner of the mare has returned to him the selection docket with the name of the selected stallion duly entered thereon by the anid owner. (5.) Not later than the 10th day of August, 1910, the Secretary shall forward to the Department, on the form provided for the purpose, par-ticulars regarding the distribution of such tickets.

25. (L) A farmer receiving a nomination must select one of the approved stallions in Ireland of the breed named by the County Committee under

Clause 22 (1), provided the service list of the stallion selected is not already full. See Clause 26 (2). (2.) Such farmer must insert on the selection doctor the name of the stallion by which he washes to have his mare served, and must return said

docket so as to reach the Secretary not later than sixteen days from the date of issue of such docket. He must also transmit with the docket the amount of the deposit, if any, fixed by the County Committee under Clause 23 (4).

26. In any one of the following cases the nomination shall be forfeited and shall lapse :-(L) If the farmer to whom a nomination is issued should fail to

select a stallion within the sixteen day limit. (2.) If the owner of the more is also the owner of the stallion selected. (3.) If the farmer to whom a nomination is issued should permit his

nominated mare to be served by a stallion other than that originally selected.

(4.) If the nominated mare should die before first service.

- (5.) If the nominated more should be sold before the date of the first
- (6.) If the nomination has been obtained through any misrepresentation.
- The Secretary shall cancel and return to the Department the numbered tickets for all such layerd nominations, and may issue to the owners of marcs strictly in the order in which they appear on the reserve list new tickets to be obtained from the Department in licu of such cancelled techets.
- 27. A nomination is not transferable, and is available only for the selected mare.
 28. The service scarce shall be reckened to begin on the lat day of
- 28. The service season shall be reckened to hegin on the 1st day of March, 1910, and to terminate on the Sist day of July, 1910. 29. The value of the nomination fee shall be uniform for the county,
- but may vary with the breed of stallions selected, and shall be not less than £2, nor more than £3.

 30. (1.) When the service foe exceeds the value of the nomination, the excess shall be paid by the owner of the mare to the owner of the stallion
- at the time of the first service, or at such other time as may be agreed upon between them.

 (2.) In addition, the farmer shall pay a groom's fee of 2s. 5d. for each normanded mars.
- nominated mare.

 31. (1.) Not earlier than the 1st August, 1910, and not later than the
 lat Oriober, 1910, the owners of stallers shall forward to the Secretary
 the selective deep research.
- their sires, accompanied by a statutory declaration to the effect that the conditions of service have been duly complied with.

 (2.) The form of declaration required under thas clause may be had on
- application to the Secretary,
 (3.) The Secretary shall examine and check all these downmonts, and
 when octafied by him as correct aball forward them to the Department,
 (4.) Pegyman of nomination feas to owners of stallions shall not be
 made until the Department have been satisfied as to the fulfilization of
 the conditions of this scheme, and have signified in writing third approval
- of each particular payment.

 32. No payment shall be made in any of the following cases—
 - (i.) Where any evasure or alteration appears on either the selection dorket or the service ticket.
 - (2.) Where both the selection decket and the service ticket hearing corresponding numbers are not produced.
 - (3) Where a nomination issued in respect of a particular nominated more is used for another more, whether nominated or not.
 - Where service has here effected by a stallion other than that originally selected.
 Where an owner who received a nomination folied to send his
 - (6.) Where the owner of a stalloon fails to lodge by 1st October, T910,
- with the Secretary, in the many according in Glame 31, has chim for payment of xommalion from 3.

 33. Owners of marcs necepting, or agreeing to accept, from a stallow owner, portion of the service fee, changing normations, rebettiating masses, or any person detected in any other fraudulent practices in coancillow with these regulations shall be deharf of from obtaining my future.
- bonefits under the Department's schemes

 34. In all cases of dispute in matters connected with this scheme the decision of the Department shall be final.

Scheme No. 2.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR TRELAND.

SCHEME FOR ENCOURAGING IMPROVEMENT IN THE BREEDS OF CATTLE.

 The main objects of this scheme are to improve the dairy and store cuttle in Iraland by encouraging the breeding or introduction of pure-leved bulls or registered dairy hulls of a high degree of excellence and by inducing associations of farmers or persons of means to purchase high-class bulls for the use of small farmers. When arranging the details of the scheme to suit local requirements each County Committee of Agriculture and Technical Instruction, or County Committee of Agriculture, as the case may he, heremafter referred to as the County Committee, is requested to secure to small farmers as large a share of the resulting benefits as is practicable.

The sum to be provided by the Department under this scheme for seconraging improvement in the breeds of cattle in a county will depend on—(1) the amount of money provided in aid of the scheme by local nuthorities, (2) the special needs of the locality, and (3) the proportion which the amount of the local contribution bears to the remaine conocity of the locality to contribute.

In accordance with Section 16 (6) of the Agriculture and Technical

Instruction (Ireland) Act, 1899, the Department will not, in the absence of special considerations, apply, or approve of the application of money under this scheme in a locality out of which nid to not given either by local authorities or from other local sources. 3. The joint fund available under this and other live stock schemes,

3. The joint tund available under this and other live stock schemes, comprising the great from the Department and the meany provided comprising the great from the Department and the meany provided in a county in accordance with the provisions of Churses of a definition of a The Secretary of the County Committee, bereinster referred to as the Secretary, whose appointment for the year and whose drake must find the provision of the secretary when appointment and are as Secretary to the authority of the substitution of the provision of the provi

committee for live steck.

5. It will be the duty of the Secretary to submit, for the approval of the Department, details of all schemes proposed for his county. No action shall be taken by the County Committee towards putting this scheme into operation until the sanction of the Department has been obtained in writing 6. The County Council abould by resolution delegate to the County

Committee full powers for the purposes of the Agriculture and Technical Instruction (Iroland) Act, 1890, and that committee should appoint from among their own members an executive sub-committee for live stock. No payments, however, in connection with this scheme shall be authorised except by the County Committee.

The duties of the sub-committee for live stock will be to frame the

details of the live stock schemes for the county in accordance with the conditions of the Department's general scheme, and to act as the executive committee for the administration of such county schemes when they have been approved by the County Committee and by the Department; but the executive sub-committee shall not bave the power of authorising any payment in connection with these schemes 8. The joint fund available under this scheme shall, after the expenses

of administration are provided for, be applied solely in providing premiums 9. In exceptional circumstances the Department may, under certain

conditions to be prescribed by them, provide for a county other hy purchasing balls on behalf of applicants selected by County Committees under Classic 17, or hy granting leans to approved applicants who desire to purchase bulls through the Department.

Applications for loans under this clause should be made-by the selected

dairy balls. dairy bale.

11. Only buller extend, or qualified by pedigree for early, in the hard

11. Only buller repeated by the consequence of bury conseque 12. Bulls of the following ages are eligible to compete for premiums :-

 Yearlings, calred between 1st September, 1908, and 1st May, 1909.
 Two-year-olds, calred between 1st September, 1907, and 31st August, 1908;

(3.) Thien-year-olds, calved between 1st September, 1906, and 31st August, 1907; calved between 1st September, 1905, and 31st

All bulls must show a high degree of excellence. Two-year-olds, three-

or which are not fully developed, will not be selected.

or which are not buly devaloped, will not be selected.

13. The amount of a presiman for a high-class pure-bred bull (other
than a Galloway, Kerry Dexter, Webb, or Ayrobire bull) payable, whilect
to the regulations of this tolemen, at the end of the season shall be not
less than £10 nor mere than £15. Where special provision for the use of
admission, Kerry Dectic, Webb, and Ayrabire bulle is made with the
diamona, Kerry Dectic, Webb, and Ayrabire bulle is made with the the case of registered dairy bulls the premium shall be £10. 14. The owners of all two-year-old, three-year-old, and four-year-old bulls applying for premiums under this scheme must, if required, produce

evidence of the fruitfulness of the hulls in the preceding year. 15. (L) Bulls which were awarded premiums in 1909 will be inspected by the Department prior to the spring shows and sales, at places and on

dates of which the owners will be duly advised by the Department. In me case will animals be inspected at the owner's residence (2.) Owners of such balls failing to present their animals for inspection on the dates selected will not have their cases reconsidered.

(3.) The Department will formula the County Committee as soon as practicable with a list of bulls which have been passed under this clause as chigable for premiums in 1910.

(4.) The County Committee shall then proceed to select applicants for premiums for bulks to be selected at any of the principal above or gales of bulks. In making such selections regard shall be had to the needs of the various districts in the county, provided that no two bulls of the same the Targets under the county within three miles of each other.

(5.) A bull provisionally selected for a premium under this clause must

stand for service at the same place as in 1909, and unless in exceptional circumstances approved by the Department, the owner will not be allowed to change the premium to a yearling buil.

16. (1.) Bulls, of the agas specified in Clause 12, other than those referred to in Clause 15 (3), shall be selected at the principal spring shows

receives to in Unitors to (o), allow we settled as an principal spring and sales. The provisional selection of bulk for pressiums at those shows and sales shall be made by the Department alone. (2.) Only those pure-heed bulls will be inspected for premiums the owners of which have given a written undertaking to the effect that when

bulls duly entered in the herd books of the respective breeds. (3.) Intending purchasers must make their own selection from the list of assumble pissord by the Department.

17. (1.) The County Committee shall, by means of advertisements in the

local papers or by posters, invite applications from persons who, if

selected, are prepared to keep in districts not provided for in Clause 15, premium bulls to be purchased or exhibited at one or other of the principal shows or sales. Such applications must be made on forms to be

obtained from the Secretary (2.) A list of such applicants, when selected by the County Committee, should be forwarded to the Department by the Secretary, on the form

provided for that purpose, not later than five days before the abow or sale at which the bulls are to be rejected. (3.) The Department's Inspector or Inspectors will attend at the principal shows and sales. They shall not be empowered to recognize applica-

(4.) Applicants selected by a County Committee exhibiting or purchasing at one of the principal shows or sales provisionally selected builty of the breeds approved by the County Committee need not again show these bulls in 1910 for a premium. The granting of a premium to a bull shall not in any way be regarded as afferding a right to a premium in a subse-

(5.) As soon as a selected applicant has precured a bull which has been thereupon advise the Department on the prescribed form of the particulars

as to location, etc., of the bull, and obtain the sanction, in writing, of 18. The survice season for a premum bull shall not commence until the owner of the bull has notified the Secretary on the form mentioned in

The service season for premium bulls shall close on 31st December, 1910.

19. The Secretary shall supply the owner of each premium bull under

this scheme with posters, which such owner must undertake to distribute in the district in which the bull is to serve. 20. Ruch premium yearling bull shall serve not less than thirty cows, and

that are the property of the owner of the bull. The service fee for the number of cows stated shall be by each, inclusive of all charges, but the County Committee may, if they think fit, fix the service fee at 2s. 6d. per cow, inclusive of all charges, in the case of farmers whose valuation exceeds the minimum hmit fixed by the Committee. After the minimum number 21. The County Committee may make such regulations as they think

nocessary with regard-(1) to the inclusion or otherwise of four-year-old hulls,

(2) to requiring applicants for premiums to deposit with their application a sum not exceeding £2 in respect of each bull-such deposit to be refunded in case the applicant is not solved by the County Committee or if he pocured a premium bull. The deposit to be forfeited to the County Committee in the event of she applicant emitting to precure a premium bull

(3) to the number of premium bulls which any one person may keep provided that no person shall possess two premium bulls of the same breed unless located at least three miles from each other (see Clause 15 (4)),

(4) to the place in which a premium bull shall remain during the season (5) to requiring the owner of a premium bull not to keep any other built

on the farm on which such premium bull is located, (6) to the penalties to be imposed upon the owner of a premium bull who fails to take proper care of the animal. (7) to the number of cowe which any one farmer may send to a premium

(8) to requiring owners of premium bulls to exhibit their onimals at some one of the shows subsidised by the County Committee. (9) to requiring owners of premrum bulls to retain their animals in the district until 1st September, 1910,

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(10) to cancelling the award of a premium to a bull which is sold out of the country before it has served the prescribed number of cows, (11) to the exclusion of pedigree cows from this scheme,

(12) to requiring selected applicants to purchase such premium hulls only as are certified to have passed the tuberculin test, and (13) to any other matters affecting this scheme subject to the approval All regulations so made shall take effect as if incorporated in this scheme

22. Each now shall be the property of a farmer resident in the county, the aggregate tenement valuation of whose holdings or boldings wherever situated and for which he is rated, does not exceed the limit fixed by the County Committee. Herds, artisans and bone fide agricultural labourers may obtain service

for their cows on the same terms as furmors.

23. The term "farmer" is to be understood to mean a person who

derives his means of living mainly from farming-24. The owner of a premium bull shall not, before the stimulated number

of cows have been served, reserve the use of the hull for the cows of any individual or of the members of any society. He must, subject to the prevision of Clause 29, allow the hall to serve cows in the order in which they are presented.

25. The Department reserve the right to brand or mark premium bulls. and to inspect them from time to time.

26. The Department also reserve the right to apply the tuberculin test, at their own expense, to any premium hull. See Clause 21 (12) 27. All owners of premium bulls must satisfy the County Committee that they have provided themselves with a syringe and disinfecting materials for the washing of their animals after each service, in accordance with the instructions given in the Department's leaflet No. 13, on Consignous Abortion in Cattle.

It will be the duty of the Secretary to obtain the necessary information for the Committee, and to notify the Department at an early date of the

results of his inquiries. It will also be the duty of the Secretary to arrange that the owner of

each premium bull shall distribute among owners of cows in his district a number of copies of the Department's leaflet No. 18. 28. In the event of infringement of or non-compliance with any regula-

tion of this scheme or of the hall being unable from any cause to complete the prescribed number of services, the Department reserve the right to wishbold the premium, or any part of it, or in any other way to deal specially with the case, according as the circumstances may require. 29. The owner of a premium bull has the right to refuse the use of has

bull in any case where he is satisfied that the service would be prejudiced to the animal. The reasons for such a refusal, however, must, insecliately on the refusal of the application, be communicated to the County Committee, who may take such action as they think at subject to the approval of the Department

30. (1.) Not earlier than 1st September, 1910, and not later than 15th January, 1911, the owner of a premium hall shall forward to the Secretary on the prescribed form a return of the names, addresses, and valuations of the persons whose cows have been served by the bull, at the fee named (2.) The Secretary shall examine and check all such forms, and when

certified by him as correct shall forward them to the Department. (3.) As soon thereafter as the Department are satisfied as to the fulfilment of the conditions of this scheme the Secretary will be notified that payment of the premiums or part of the pountums payable under this scheme may be made to the owners of the bulle.

(4.) Any premium not applied for on or before 15th January, 1911, shall be considered as having lapsed.

31. In all cases of dispute in matters connected with this seleme the decision of the Department shall be final.

Scheme No. 3.

Scheme No. 3.
DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

FOR IRELAND.

SCHEME FOR ENCOURAGING IMPROVEMENT IN THE BREEDS OF SWINE.

1910.

Clauses 1 to 7, inclusive, of the Department's Horse and Cattle Schemes, 1910, shall, with the necessary modifications, apply to this scheme.

SWINE.

8. The system to be adopted in connection with this scheme for encouraging improvement in the breeds of swine shall be the provision of premiums for selected hours.

9. Subject to the approval of the Department, premiums may be restricted.

to any one or more birecks of sevene.

10. Only bours eligible for entry in the Herd-books of their particular breeck, in the Register of Pags of the Royal Dublin Society, or in the Register of Utker Swine scatshibbed by the Royal Utker Agricultural Society, shall be eligible for premiums. The owner of a boar selected for a premium must have the animal entered in the proper Herd-book or a premium must have the animal entered in the proper Herd-book or

Register as the case may be.

11. Bears helonging to any Society or to any Association of Farmers shall be eligible to compete for promiums; but the promiums shall be paid to the Society or Association, and not to the individuals in whose charge

the bosis are p

12. A hour when selected for the first year's premium should he not less than five months nor more than twelve months old. The grant of a premium to any boar shall not be regarded as affording any right to a premium in a subsequent year. 13. The value of a premium shall be £5 for the first year, and £3 for

the second pear.

14. Only those hours which were awarded first year premiums in 1909
thall be eligible for second year premiums in 1900. All such hours must
show a high degree of excellence. Two-yearded hours which show any
eligible for second year premiums have a great of
the real part of the pear of the pear of the pear of the pear of
the real pear of a hour selected for a record year premium must produce
evidence of the ruitfulness of the hour in the proceeding year.

evidence of the fruitfulness of the bear in the preceding year.

15. A bear which may be awarded a premium in 1910 out of funds administered by any other body shall not be eligible for a premium under this

agerica by any owder body and not be engine for a premium most this scheme.

16. (1.) Boars which were awarded first year premiums in 1900 will be imported by the Department at places and on drives of which the owners

inspected by the Department at places and on dates of which the owners will he duly advised by the Department.

(2) Owners of such bears fulling to produce their animals for inspection on the date subsected will not have their cases reconsidered.

(3) The Department will farnish the County Committee as soon as

(2.) The Department will farnish the County Committee as soon as practicable with a list of beaus which have been passed under this clause as eligible for premiums in 1910.

(b). The County Committee shall then proceed to select applicants for pressions for young bears. In susking sred selection-regard shall be hed to the needs of the various districts in the county, provided that no two bears shall be located in the country within three miles of each other. (5.) A boar provisionally selected for a permissa under this classes must

stand for service at the same place as in 1909, and unless in exceptional terementances approved by the Department, the owner will not be allowed to change the pressum to a yearing boar.

to comple the pressures to a yearing corr.

17. (1.) The County Committee shall by means of advertisements in the local papers or by posters, invite applications from persons who, if

attented, are prepared to keep premium bears in districts not already provided for under Clause 16 of that acheme. Such applications must be made

(2.) As some as soluted applicant has promised a borr which has have portained by passed for the should swirtly the Secretary and the should swirtly the Secretary and a form to be chained from the latter and the presented from the hatter addition the Department on the presenting form of the put that an addition the Department with the Issue passed form of the put that are the location, etc., of the boar, and detain the sanction, on writing, of the Department with the Issue passible delay.

Properties at write the Shat possible delay.

18. The provisional selection of bears for premiums shall be made by
the Department above at the principal spring above and at other plants to
be fixed by the Department, but no improvion for the purpose of this
solume shall he made after the 30th June, 1979, save in exceptional

19. The Department, through the County Committee, will, as far as practicable, assest intending purchases to secure suitable bears for the

purposes of this scheme.

20. The service senses for a premium hear shall not commence until the owner of the hear has notified the Secretary on the form mentioned in Clause 17 (2) that he has presented a boar. The service session for premium hears shall close finally on the dist December, 1901.

21. The Secretary shall supply the owner of each premium hear under this scheme with posters, which the said owner must undertake to distribute in the district in which the hour is to serve.

22. Each first year premium hour must serve not less than 30 sows, and each second year har not less than 40 sows. The service fee, inclusive of all charges for this number of sows, shall not exceed 1s. for each sow. After the maximum number of yous have been served, the owner of the

20. The County Committee may make such regulations as they think necessary with regard-

(1.) to the breed or breeds of hours to be selected,
(2.) to the number of premium hears which any one applicant may possess (provided no person shall passess two premium hears unless located at least three miles from each other).

(3.) to the place in which a premium bear shall remain during the sesson for severace (see chase 18 (5)), (4.) to requiring the owner of a premium hear not to keep any other hear on the faim on which such premium hear is located.

hear on the farm on which such premium hear is located, (5.) to the premitise to be imposed upon the owner of a premium hear who fails to take proper can of the anims!, (6.) to the number of sows which any one farmer may send to a premium

hear under this scheme,

(7) to requiring owners of premium hears to exhibit their animals at some one of the shows anhaldised by the County Committee,

(8.) to requiring owners of premium boars to retain their animals in the district until lat September, 1910, and (9.) to any other matters affecting this scheme subject to the approval of the Denartment.

or the Department.

All regulations so made shall take effect us if incorporated in this scheme

24. Each you shall be the presents of a former resident in this security.

24. Each now shall be the property of a farmer resident in the country, the aggregate tenement valuation of whose holding, or holdings, wherever situated, and for which he is rated, does not exceed the limit fixed by the County Committee.

Herds, artisans, and bone fide agricultural labourers may obtain service.

meras, armana, and some fide agricultural labourers may obtain service for cheir some on the same terms as a farmer. 25. The term "farmer" is to be understood to mean a person who

decrives his means of living mainly from forming.

30. The owner or convers of a pienoism hear shall not, before the stipulated number of sows have been saved, reserve the use of the inour for the sows of any individual, or of the members of any society. Subject to the provisions of Change 29, sows must be served by a premium hear in the provisions of Change 29, sows must be served by a premium hear in the

27. The Department reserve the right to brand or mark premium boars, 28. In the event of infringement of or non-compliance with any regulaspecially with the case, according as the circumstances may require

boar in any case where he is satisfied that the service would be prejudicial to the animal. The reason for such refusal must, however, be communicated to the County Committee immediately on the refusal of the applica-

30. (L.) Not earlier than 1st September, 1910, and not later than 15th January, 1911, the owner of each premium bear shall ferward to the Secretary on the prescribed form a return of the names, addresses, and boar-together with dates of such services-at the fee named in Clause 22. (2) The Secretary shall examine and check all such forms, and when

or part of the premium, payable under this scheme. (4.) Any premium not applied for on or before the 15th January, 1911,

31. In all cases of dispute in matters connected with this scheme the

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

LOANS FOR THE PURCHASE OF STALLIONS.

 Applications for loans for the purchase of Stallions must be made—on the prescribed form (A. 37)—direct to the Department. No application for a loss for the purchase of a Stallion will be considered if coming from a locality in which, in the opinion of the Department, there is already a sufficient number of approved Stallions for the

No loans will be made save for the purchase of Stallions accepted by the The Department reserve the right to refuse any application for a lean

without assigning any reason for such refusal. 3. The individual or association (hereinafter referred to as the applicant)

applying for a loan must be approved by the Department. 4. The purchase price of the Stallion must be approved by the Depart-

5. The applicant must pay to the Department (1) one-third of the approved purchase price, (2) the amount of the stamp duty, and (3) the premium for the insurance of the Stallion at the full amount of the approved purchase price—the payments to the Department of this premium must be secured under conditions similar to those provided for the repay-8. On receipt by the Department of (I) one-third of the agreed on pur-

and (4) a form of undertaking to have the necessary bond duly completed the agreed on purchase price, and will intimate to him that passession of see signed on partitions prior, and will include to come that passed on or the Stallion may be given up to the applicant.

If the vendor, before being paid by the Department gives up possession of the Stallion, the Department will hold themselves, free of any liability

to the vendor.

7. As soon thereafter as possible the applicant, with two or more approved selvent ararche, shall cater into a bead to repay the Department the amount which will be advanced by these-evis, tre-birthe of the contract of

8. In the case of an association repayment must be guaranteed by the Committee of the association, or in such other manner as the Department

may require.

O. The Stallon shall remain the property of the Department until all instalments or arrears of principal and interest are poid off, and skall not be disposed off, without the consent in writing of the Department, for five years.

10. The applicant must offer the Stallion each year for registration.

and understake to conform at all times to the regulations of the Department's scheme for the time being for encouraging improvament at the breeds of hoves, and, during the continuance of the loan, must allow the Stallion to serve nominated marse at a fee to be fixed by the Department. Such fee, however, skill in me case exceed 4.3 per marse.

11. Nonmated marse the property of the members of an association purchasing a Stallion under this scheme shall not take priority of service over nominated marse somed by non-members.

As soos, however, as the number of nominated marse required by the scheme may have been served, the service of the Stallion may be retained as the scheme may have been served, the service of the Stallion may be retained.

delay give notice in writing or by telegram to the Department. Like notice must be given and the property of the borne meter with any accident or injury, and (b) If the horse dies. In the latter event he must furnish at his own expected a costilation from a Vetrainary Surgen.

expense a certificate from a Veterinary Surgeon.

(2) He must provide proper accommodation for the Stallion, and core it in a proper manner to the satisfaction of the Department.

(3) He must procure at his own expense the services of a Veterinary Surgeon when mecessary.

13. The Department shall have the right to impact the Stallien at any time, and to remove it of any time, if it is found, in the opinion of the principal and interest is in a rever for more than four weeks element of the principal and interest is in a rever for more than four weeks.

14. Should the Department great a special subsidy in respect of the Stillion goal unbaidy skall not be paid to the individual or association in

possession of the Stallion, but shall be credited, after the close of the season, towards the repayment of the loan. 15. The densition of the Department in all matters relating to these loans shall be final. Forms of application can be had from the Department.

Scheme No. 5.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

LOANS FOR THE PURCHASE OF BULLS.

1010.

1. Applications for loans for the purchase of Bulls should be made—one the prescribed form (A. 38)—direct to the Department before lat March,

 No application for a lean for the purchase of a Bull will be considered if coming from a locality in which, in the opinion of the Department, there is already a sufficient number of pure bred Bulls for the purpose of their scheme. No leas will be granted save for the purchase of a pure bred Bull passed by the Department as suitable for a premium. The Bull must be of a breed approved by the Gounty Committee. The Department reserve the right to refuse any application for a lean without assigning

reserve the right to refus

8. The purchase price of the bull mass he approved by the Department.
4. The person applying for a loss under this obstime—breisinfor referred to as "the applicant"—must purchase through the Department, animals purchased without their knowledge, at those animals purchased without their knowledge, at those, asks, or from private individuals. The Department will so far as possible, endiessor to procure a withold assimilar for the applicant, that they cannot undertake to supply a substitute of the price of the pr

5. Before taking possession of the Bull the applicant will be required to pay to the Department's representative—(1) exc. third of the approved purchase prior, (2) the stamp duty, and (3) the charge for insurance (see Clause 9). Further, he mest sign a form of undertaking to have the accessary form of guarantoe for repayment duty signed and completed.

The state of the s

to be placed must, with two other approved members of the association in their capacity of private individuals, guarantee reprinced of the leas. 8. The Bull shall not be disposed of without the consent of the Deparment having been previously obtained in writing. The animal shall reconsist the property of the Department until all instalments of principal and

interest are paid off

3. The applicant must insure the Bull for the full amount of the purchase price with the Department. The fee for insurance against death shall be 5 per cord on the full amount of the purchase price, and shall be paid to the Department.

10. The Department will issue the Bull with an issurance company for whether much only from the dates of payment of the issurance feet by the applicant. In the event of the death of the Bull before the expiration of the streter mention in question, the foun will be derived off and the applicant will be reform the profits of the profits of the strete mention in question, the fount will be a possible of the strete mention of the profits of the Bull.

It will be optional with the applicant to insure the Bull for a second year.

II. The applicant must observe the following conditions:—

In the event of the Bull getting ill or lame be must, without

(1) In the event of the Boll grand, and the Boll grand to the Department. Like askies must also be given (a) in the event of any accident or injury constring to the Bull, and (b) in case of the death of the Bull.

(2) He must take all reasonable precautions to prevent the Bull from coming into contact with any animal audiering from disease.

(2) He must take an reasonate predations to prevent use but from coming into contact with any animal suffering from disease.
(3) He must provide proper accommodation for the Bull and ease it in a proper manner, to the extinctions of the Department.
(4) He must provide a bis own expense a syringe and disinfecting materials for the weaking of his Bull after each service, in zecordance

with the instructions given in the Department's leaflet No. 13 on Contagious Abertien in Cows. (8). He must procure at bis own expense the services of a Veterinary Surreon when necessary.

Surgeon when necessary.

(6.) In the case of the death of the Bull he must forward a certificate from a Veterinary Surgeon or such other evidence as to the cause or fact of death as the Department may require.

12. The granting of a laan does not imply that a premium will be awarded in respect of the Bull. Should the Bull be awarded a premium (1) the person in whose favour

session on must be awarded a prentum (1) the person in whose favour many and many conformation regulation of the Department's at harm granted must conform to the regulation of the Department's at harm proper person of the heavile of midth, or my modulcations therein made, with other layers of the Department, by the County Committee, and (2) the amount of the Department has be paid to the applicant, after the provisions of the general scheme have been complied with. 13. The Department shall have the right

(a) to inspect the Bull at any time, and to remove it at any time, if it is found, in the opinion of the Department, that it is not being properly cared, or in the event of an instalment of principal and interests being in narraw for more than the

(b) to brand or musk the Ball;
(c) to apply the unburealin test, at their own expense, to any Built purchased under this scheme.

16. The decision of the Department in all matters relating to these loans shall be final.
Forms of application can be had from the Department.

DEPARTMENT OF AGEICULTURE AND TRCHNICAL INSTRUCTION FOR IRELAND.

SCHEME OF SUBSIDIES TO AGRICULTURAL AND INDUSTRIAL SOCIETIES, STC.

Memorandum for the information of Agricultural and Ladustrial Societies, and other hodice applying for mundles undor the regulations of the above above.

Notwithstanding repeated warnings issued by the Department, there

were been many instances during the past year in which difficulty has been seen been many instances during the past year in which difficulty has been seen been many compliance with the regulations of the dealers obtained to above the second form the form that the standard of the Secondard concerned have no been submitted from proper tame, nor have the during schedules of prices been presented thouse page tame, nor have the during schedules of prices been presented through the page tames, and the page tames are were principle. The page tames the page tames to be proper of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidy to any Agrant of the pagement of a subsidier of the pagement of a subsidier of any Agrant of the pagement of a subsidier of a subsidier of the pagement of a subsidier of the pagement of the

will not be prepared to approve of the hymnest of a subside for any approximation confirmed in discussive Security or other rooty unless all the requirements of From time to time attention has been drawn to the matter of the amount of administration expenses incurred in holding above and other fixtures.

or administration expenses incurred in hidding above and other fixtures. Such expenses are frequently out of all properties to the value passes sectually distributed, and, accordingly, in fature, approval of the regard to economy payment of subadies to Sourcites which do not pay due regard to economic or administration.

The continuous or administration.

The containance of grams win sepsean, to a targe extent, on the manus which show Sections cooperate in the general work of the Commy Common and the Department. Much useful work can be done in that distinct, and the Department in the containance of the containa

 Copies of the form in question can be obtained on application to the Secretary of the County Committee.

Applications made later than 1st February, 1910, will not be considered by the Department.

October, 1909.

Scheme No. 6.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

SUBSIDIES TO AGRICULTURAL AND INDUSTRIAL SOCIETIES, ETC.

1909-1916.

1909-1910.

 County Committees of Agriculture may, subject to the approval of the Department and to the conditions of this scheme, grant subsidies to societies established for the purpose of....

(a) Holding Agricultural, Poulity, Horticaltural, and Farm Produce Shows; Industrial Shows or Exhibitions and Fesseana.; Skilled Labour Competitions, Implement Trials, Phoughing Matches, etc.

(b) Obtaining for its members Analyses of Manures and Feeding Stuffs, Seed Tests, etc. Provided, however, that the grant to any one Ploughing Match shall not exceed £5, irrespective of the number of

competitions at anoth Marka.

2. (1.) A show society, or other body, denting to obtain a great under this scheme must make application on the prescribed form not later than 18 Pobrancy, 1910, to the Country Committee of the Pobrancy formation of the Country Committee of the Country of the C

(a) A balance sheet duly certified to have been audited and found correct by two persons not being members of the committee of the show seciety or other body concerned, and setting forth in detail the financial position of the society after all limbulties have been discharged, and also

(b) If required, a list certified by the Secretary of the show acceety or other body, setting forth the amounts actually collected in local subscriptions from private individuals in 1900.

Any Soriety or other hedy which fauls to furnish these particulars, or such farther information as the County Committee and the Department may require, shall not be eligible to receive a subsidy.

(2) It shall be the duty of the Secretary to the County Committee, by means of advertisements or otherwise, is finite application in accordance with the provisions of this scheme, from all societies or other boths concerned, and to swhmit same with the necessary particular; to the County Countities as soon as possible, but not later than at a meeting of the Committee beld in the month of Pebruary, 1910.

(3.) Not later than 1st March, 1910, the County Committee shall forward to the Department the foregoing deconsents together with their recommendations as to the distribution of funds available under this scheme. 3. In allocating the funds available under this scheme, County Committees should consider the claims of the various Shows beld in the county and the appeal alrequirements of particular districts.

The County Committee in allocating a grant to any particular show. and the Department in approving of such grant, shall take into considera-440n :-

(i.) The amounts actually collected in local subscriptions from private individuals in 1998 and 1999. (2.) The total value of prizes awarded in 1909, and the cost of

(3.) The regard paid by the society to the furtherance of the Department's live stock, noultry, and other county schemes. (4.) The amount set saide for classes confined to small formers

4 The prize achedule for 1910 must, prior to publication, be submitted through the County Committee to the Department for approval in writing. The Department will not consider any schedule which has not previously

 The amount of the joint contribution from the County Committée and the Department must be admowledged in the prize schedule. 6. In the case of live stock shows, other than shows confined to horses

provision must be made in the schedule of primes for the inclusion of classes for sheep and swine and for poultry of the broads subsidised by 7. Each acciety receiving a subsidy under this scheme shall, if required, afford all reasonable facilities for the inspection of their books by the

Department, and shall admit the Department's Inspectors to the judges' 8. Grants from the joint fund available under this scheme may be given to new show societies, provided the County Committee and the Department are assured :-

(1.) That there is need for such new societies in the county; (2.) That adequate local support is forthcoming; and

(3.) That the roles and financial proposals of the society are deemed satisfactory.

9. The cost of employing judges must be defrayed by show societies out of their, own funds. The Department cannot undertake to supply the services of a judge or demonstrator for any show or competition, If the County Committee approve, one or more of the Instructors employed under county schemes may be permitted, for the purpose of 10. (1.) Immediately after the show or competition the Secretary of cate as to the total amount actually awarded in prizes, exclusive of cups and the County Committee shall forward such certificate to the Deport-

ment. (2.) As soon as the Department are satisfied as to the fulfilment of the conditions of this scheme, the County Committee will be notified that

(3.) In the event of the total sum actually awarded in prizes at any how or competition being less than the sum originally voted by the County Committee, the show society or other body managing the show or competition shall not be entitled to receive payment from the joint fund of any sum exceeding the amount actually awarded in prizes, exclusive of cons and presentation prises.

11. Non-compliance with any one of the foregoing regulations will render a show society or other body ineligible for a grant under this scheme. and will entail the cancellation of any subsidy proposed to he given by the County Committee to such show soriety or other body.

12. In all cases of dispute in matters connected with this scheme the decision of the Department shall be final.

The Department recommend that each Agricultural or other Show Society receiving a subsidy under this Scheme should invite the County Committee.

Scheme No. 7.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

PRIZES FOR COTTAGES AND SMALL FARMS, 1910.

In 1910 County Committees of Agriculture may, subject to the Department's approval, offer prizes in one or both of the following sections, subject to the provisions of this scheme, viz.:—A. Cottages with gardens, B. Small Farms.

In Section A County Committees may offer prizes in any one of the following ways:—(1) wholly in cash, (2) wholly in fruit trees and seeds.

A County Committee may delegate the working of this scheme to a society eligible for a grant under the scheme of subsidies to agricultural

society eligible for a grant under the scheme of subsidies to opricultural and industrial societies.

2. Competition is Section A shall be confined to bond fide cottagers as defined by the County Committee. Cottagers on whose holdings demostration polots in connection with the scheme of instruction in hortcoliture.

stration plots in connection with the scheme of instruction in hortcultures.

Only took feel fathers who derive their neers of living mainly from farming, who reside on their farms and work the farms thought to compete in Section B. At least one-fourth of the arable had of the entire holding of each competition in this section must be tillages.

first year's grass or assolion being regarded as itliage.

National shools tracitiers are unlightly to compose under this scheme.

8. For the purposes of this scheme the county may be divided into districts or circuit, in each of which separate competitions will he had.

4. Fartiminar: as to the sections adopted, the number of districts or circuits or circuits or circuits or such as the section. The limit of relativistic or execute the proposition of the control of the limit of relativistic or execute the control of the limit of relativistic or execute the control of the limit of relativistic or execute the control of the limit of relativistic or execute the control of the limit of relativistic or execute the control of the limit of the limit of the control of the limit of t

section, the finite of remainine or steering, study is the courty-Committee of the control of th

mittee, but in no case later than the 20th May, 1910.

No holding will be inspected in respect of which the owner fails to fill in an entry form.

6. In cases of insufficient competition, want of merit, or in which the conditions of this scheme have not been strictly adhered to, the prizes may

conditions of this scheme have not been strictly adhered to, the prises may be withheld in whole or in part.

7. The following points shall be taken into consideration by the judge in making his awards:

(g.) Cleanliness and general order of cottages and premises.

- (b.) Califyration of the garden, including freedom from weeds, and well-kept fences and walks;
 (c.) Varieties of vegetables, fruits, and flowers.
- (c.) Varreties of vegetables, fruits, and flower (d.) Arrangement of manure heap.
- (c) General management and care of live stock, particularly pigs and poultry, special attention to be given to quality and housing.
 (f) Management of hose.

SNAM FARM STOTION.

 (a.) Cleonliness, order and comomy in the dwelling-houses and offices (including poultry-houses).

- (b.) Judicious character of cropping, efficiency of cultivation, arrangement of manure heaps, and provision for collecting hquid manure.
- (c.) Cultivation of the garden, variety of vegetables and fruit trees.
 (d.) General condition of land under grass, care of feaces, gates, water courses, &c.
- (c.) Judicious planting of shelter belts.
 (f.) Freedom from weeds, especially grass land, stack-yards and
- headlands.

 (g.) Cultivation of headlands.

 (h.) Management and care of live stock and noutry (quality to be
- (h.) Management and care of live stock and poultry (quality to be particularly considered).
 (i.) Special credit will be given if simple accounts of recept and
- (i.) Special credit will be given if simple accounts of recept and expenditure in connection with any holding entered for competition (or with any transh of the work on the holding, such as cost of feeding cows or pigs, of rearing calves, of keeping poultry, sets), are keet and exhibited to the index.
- 8. The Department will supply, free of charge to the County Committee, see services of a Instructive to set up in plany under this advance or with the competition as the Department and the County Committee may decide competition as the Department and the County Committee may decide. The unswerten of outsiges or must be all long, Judy or August. 100 The competition of outsiges or must be all long, Judy or August. 100 the contract of the con

has been conveyed in writing to the Secretary.

13. The County Committee shall furnish to the Department such detailed statements of expenditure under this scheme as may be required from time to time.

13. In all matters of dispute relating to this scheme the decision of the

Scheme No. 8.
DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

FOR IRELAND.

SCHEME FOR ENCOURAGING IMPROVEMENT IN THE FLAX-

GROWING INDUSTRY, 1909-10.

1909-10.

The following programme has been adopted by the Department for encouraging improvement in the flax-growing industry during the season 1999-10.

I.—FIND EXPERIMENTS.

Variety tests and manufal experiments will be continued. The object of these experiments is to ancestal the relative value of wrater varieties of flax seed and the influences of certain manures on the yield and quality of the flax crop. Experiments on seed selection may also be undertaken. A report on the experiments carried out in 1908 will be published in the Departments Outron), and the lies flat form.

II .- COLLECTION OF STATISTICS.

Statistics with reference to the flax crop will be again collected through scutcumill owners and the managers of co-operative flax accieties.

Department shall be final.

225

III .- FORMATION OF PLAX SOCRETIES

The Department, subject to the conditions to be prescribed by them, are prepared in a limited number of cases to easist farmers in establishing co-operative flax societies by paying a portion of the salary of an approved manager for a portion not exceeding three years. Applications for assistance of this nature should be made to the Secretary of the Department.

IV .- PRINTS FOR GROWERS, &c., OF PLAN.

County Committees of Agriculture in the flax-growing counties may adopt either or both of the following sections :-(A.) Prines for scutched flax.

(B.) Prines for flax on foot.

SECTION A.

For the purpose of this section a county may be divided into dustracts, in each of which a show of scutched flax may be held, at which it is suggested the following prizes be offered:—

(a.)	700010.		
			4/3.
			£2,
			£L.
	(a.)0		1 1 1 1

(B.) Soutshers. Soutchers employed in the mill where the first prize lots were scutched :-

Soutchers employed in mills where the second prize lets were

(0.) Other employees.

For other persons employed in the mill where the first prize lots were

Similar employees in mills where the second prize lots were scutched :-67

(n.)-Mill-owners. This class may be omitted if the County Committee so desire.

Owners of mills in which the first prize lots were scutched :-22.

Owners of mills in which the second prize lots were scutched :-

SECTION B.

For the purpose of this section the county may be divided into Alstricta. in each of which prizes for flax on foot may be offered, e.c. : (c.) For growers the valuation of whose holding does not exceed £10, and who grow at least half a statuto sore of flax or sow at least + har of seed.

(b.) For growers the valuation of whose holding exceeds £10 but does not exceed £25, and who grow at least one statute zere of flax or sow at least \(\frac{1}{2}\) bug of seed.

(c.) For growers the valuation of a small received across of flax or sow at least 1 bag of seed.
(d.) For growers the valuation of whose holding exceeds 250, and who

grow at least three statute series of flax or sow at least 1) bags of seed.

N.B.—The limits of colcution in the foregoing cleases are not prescribed;
they are userely married as an indication to County Committees to
encourage the smaller grower.

The County Committee may require growers entering flax for competition under this section to pay an entry fee.

When padging growing crops the judge shall take into consideration:

(a.) Freedom of crop from weeds;
(b.) Uniformity of crop;
(c.) Length and quality of crop.

General Regulations.

 A County Committee adopting this scheme should appoint a special sub-committee for flax, which must be restricted to sax members, each of

sub-committee for fax, which must be restricted to six members, each or whom should be an experienced flax geomer or sectionfull sower; and this sub-committee should be given full authority to administer the county scheme when sanctioned in writing by the Department. 2. The sub-committee shall be responsible for organizing shows under

2. The sub-committee shall be responsible for organizing shows small section A, and for making all arrangements in connection with sections A and B; but no payments under this scheme shall be authorised, except by the County Committee.
3. The County Committee shall, by means of advertisements in the

Leave the control of the control of

In right to section A.—(1) the classes to be provided at each show; (3) the quantity of flax to be exhibited by one person in each class, which should not be less than 10 stones; (3) the number and value of the principle to be affected; (4) the place, suggested date, and hours' each show; (5) the main ucleas to exhibitors, tegisher with such conditions of award, in addition to the compulsory governions in the following classes are the Con-

In regard to section B—(1) the number of districts into which it is proposed to divide the county; (2) the limits of valuation in each class; (3) the number and value of presses in each class; (4) the number and of the entry fee, if any, to be charged.

5 All growers of flax hall be cligible to compute for prizes in sections A

and B, subject to the regulations of this soleme.

6. Under neither section shall a grower he paid more than one price during the section, and under stotion A no individual con receive a price

both as a grower and as a mill-owner.

7. If, in the opinion of the judge, the flax exhibited under section A, or the crep inspected under section B does not show sufficient ment, the prizes must be withheld.

8. If it is directed that any fraud, describes, or dishount practice has been committed, either in connection with the preparation or ownership of the securios flax, or growing flax, or in any representation regularity or later exhibits of flax-soutched or growing-which may have affected, or later exhibits of flax-soutched or growing-which may have affected, or later person shall be disquidified, and shall be delevated from obtaining my future benefits under the Department's stemes. He shall also therefor any contraction of the contract

claim in respect of prizes awarded under this scheme. The Department reserve the right to publish the names of such persons if deemed expedient,
9. No action shall be taken by the County Committee towards putting
any portion of this scheme into operation until the sanction of the Department to the Committee's proposals has been obtained in writing. The scheme, when sanctioned by the Department, must be considered as final for the wear.

10. The County Committee shall, subject to the approval of the Department, appoint a competent judge or judges under this scheme. The person appointed under section A must not be a resident of the county in which

The person appointed under section B may act as judge in the county in which he resides, but not in the district, as defined in this scheme, in

which his residence is situated.

11. (1.) Not later than six days after the holding of each show the Scoretary of the County Committee shall submit to the Department for approval, on the form provided for the purpose, a statement showing the approval, on the form provided the purpose, a surface, and address of each of the prise-winners under section A, and the amount of the prize to which each winner is criticle. (3) Similar returns in respect of competitions in section B should be furnished to the Depart-

ment within one week after the work of judging has terminated. (3) awards will not be final until the sanction of the Denartment has been conveyed in writing to the Secretary of the County Committee.

12. The Secretary of the County Committee shall keep a separate account of expenditure in connection with each section of this scheme,

and shall furnish same to the Department when required. 13. Subject to the foregoing regulations being complied with, the Department will be prepared to refund County Committees 50 per cent. of all authorised expenditure under this schem

14. The decision of the Department in all matters of dispute in connection with this scheme shall be final.

Scheme No. 9. DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

INSTRUCTION IN AGRICULTURE, 1969-10

1. The Department are prepared to approve of the appointment of at least one Instructor in Agriculture for each county in Ireland, provided the County Committee can occure the services of persons qualified for the position. In the case of new appointments no person shall be eligible for an Instructorship in the county of which he is a native, or in which he resides permanently. The Department will, so far as possible, assist County Committees in obtaining Instructors by supplying the names of qualified persons. 2. The removeration of the Instructor shall not, except in special cases,

exceed \$200 per annum (inclusive of mintenance and hotel expenses), in addition to expense of locomotion, which include second or third-class or a bicycle allowance not exceeding 2d. per mile in lieu thereof. If a motor cycle is used 3d, per mile may be allowed.

3. The employment of the Instructor under this scheme aball not continue heycoid the 30th September, 1910, and shall be terminable at any time

previous to that date by the giving of three menths' notice in writing on

4. (1.) It will be the duty of the Instructor, who should take every opportunity of discussing with farmers matters affecting their interests— (a) to conduct such experiments and demonstrations in spring and summer as may be approved by the Department, to select suitable-land for the purpose—to supervise the sowing of the seeds and manures, and the keeping of the plots free from weeds—to weigh the produce, is bulkte the figures and prepare a report on the results; (b) to deliver lectures on agricultural subjects, such as soils, manures, seeds, pastures, crops, and their cultivation, and the breed-ing, feeding, and management of live stock especially of dairy cuttle; (c) to visit farms;

(d) to reply to letters from farmers seeking information;
(e) to advise framers (i.) how they can take advantage of the Department's Seed Testing Station, (ii.) as to the planting of torest trees for shelter and organismt, (iii.) how they can best avail themselves of all approved county schemes, and (iv.) how they may take advantage of agricultural co-operation

(f) to make known the provisions of the Fertilizers and Feeding Stuffs Act, and of the Destructive Insects and Pests Acts; (g) to furnish to the County Committee and to the Department, as may be required, reports on the progress of his work and on matters

relating to the agricultural industry of the county; and (h) generally to give his whole time to the work and to de all is his power to further the interests of agriculture in the county.

(2.) The Instructor may also be required (a) to assist in the teaching of winter agreealtural classes, (b) to assist in carrying out the provisions of the scheme for the registration of dairy cattle, by the weighing and testing of milk, &c., and (c) to act as indge in connection with the scheme of prises for cottages and small farms in a county other than that m

Norm.—The employment of the Instructor to teach winter agricultural classes will not relieve him of his other duties under this scheme, and accordingly when he is occupied in teaching for four days in a week the Instructor should deliver at least one lecture in the same week on a day when not engaged in teaching, so well as attend as far as practicable to the other brauches of work above mentioned. If occupied less than four days a week in teaching such classes, the number of lectures and demonstrations should be correspondingly increased.

5. The Instructor shall, so far as the moneys allocated by the County

Committee will permit, make arrangements to have experimental and demonstration plots in each section or circuit into which the county may be divided under Chause 6, and during the summer months meetings of farmers should be held at these plots to discuss the objects, &c., of the plots. In selecting sites for plots preference should be given to localities in which agricultural classes have been held during the preceding winter. During the winter mentle-rin, from the beginning of October to the end of February-the County Committee should arrange for one or more

lectures in each circuit, on the results of the experiments.

6. For the purposes of this scheme County Committees will find in convenient to divide the county into a number of sections or circuits, in which the Instructor should work in turn.

When it is intended that a lecture should be given in a particular locality, the County Committee should appoint a small local committee, who should undertake to seeme the necessary accommodation for the purpose and to arrange for the lighting, beating, &c., of the room in which the lecture as to be delivered. No work of this nature should be under-

taken by the Instructor.

The County Committee are responsible for seeing that the Instructor's time is fully and usefully employed, and that he pays due regard to the performance of the duties for which he is appointed. With this end in view, the County Committee should take such steps as may seem to them most effective to make known to farmers in the county that an Instructor is available to afford advice on all matters affecting their interests.

The County Committee shall obtain the Department's approval in writing for all payments in respect of materials for experiments and writing for all payments in respect to minuting for experiments and demonstrations, and articles of equipment required by the Instructor, and thall keep a separate account of all expenditure under this scheme. Detailed statements of such expenditure as may from time to time be required shall be furnished to the Department by the County Committee.

7. It will be the duty of the Secretary of the County Committee to furnish anch returns in connection with this scheme as the Department may require; to forward to the Department copies of all advertisements, posters, or handfells issued by the Committee; and to keep an inventory, and be responsible for the safe-keeping, of all equipment provided for the purposes of this scheme.

 No action shall be taken by the County Committee towards putting this scheme, or any part thereof, into operation until the sanction of the Department has been obtained in writing. 9. In all matters of dispute relating to this scheme the decision of the Department shall be final

Scheme No. 10

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

WINTER AGRICULTURAL CLASSES, 1909.10

1. The County Committee may employ as teacher for agricultural classes (1) for four days per week, the Itinerant Instructor in Agriculture, who has previously worked in the county, if approved of by the Department, or (2) an approved teacher or assistant Instructor who would devote his whole time to the classes. In the event of the Itinerant Instructor being employed as teacher, he shall devote the remaining two days of the week to duties in connection

with the acheme of itinerant instruction in agriculture.

2. (1.) The aim of the instruction is to impart such knowledge as as capeble of direct practical application to farm work. The subjects taught will be as follows:—Soils, tillagos, manures (natural and artificial), seeds, grasses, weeds, treatment of pasture, cropping, management of live stock (including winter darrying), valuation of monures and feeding stuffs. simple farm account keeping, mensuration, elementary chain surveying, and elementary science explanatory of the principles unfaillying ordinary farm practice. As far as possible the leasons should be illustrated by practical demonstrations.

As each coutre special attention will be devoted to farm calculations in connection with the cost of growing crops or raising stock, with direct

reference to the practice prevailing in the district.

(2.) The County Committee may arrange for a few outdoor demonstrations in the planting and after treatment of fruit trees, to be given to the students by the County Instructor in Harticulture, but no lectures.

on horticulture shall be given.

3. (L) In order to bring the classes within the reach of as many young men as possible, it will be necessary for the teacher in each county to give instruction at two or three contros, at each of which he shall attend for three or ten days weekly, during a period of about sixteen weeks, from November to March. Unless in exceptional circumstances, contra-which carricultural classes have been held proviously shall not be selected under this scheme. (2.) In fixing the days of the week on which the classes are to be held

at any centre, the County Committee should have regard to the dates at fairs and markets, as well as to any local circumstance which might interfere with the attendance of students on certain days.

tere with the attendance of students on certain day.

4. (i.) The County Committee shall, by means of advertisements in the local newspapers and by posters and localities, invite applications for admission to the classes. Opins of these posters and leaflets must be. forwarded to the Department as soon as issued.

The County Committee may make such regulations as they think necessary with regard to— $\,$

(a) the maximum age of students to he admitted to the classes; and (b) the admission to classes of students who have previously attended similar classes, provided that admission to an elementary class shall not be approved in the case of any student who has attended two previous classes.

(2.) Applications for admission to the classes must he made to the Screening of the County Committee, on forms provided by him for the purpose.

(d.) Admission to the classes will be conditional on the applicants' attaiying the Department that their Beaseral education is sufficient to enable them to benefit by the instruction given.

6,3 The classes shall be held in the morning and afternoon, and the (4). The classes shall be held in the morning and afternoon, and the classes are considered by the continuous of students who turned by well to suit as the as specified mentioned in Classe 3 (1) of this scheme shall be given for at least four hours went day.

(5) The classes shall be confused to promy men over sixteen years of (5). The classes shall be confused to promy men over sixteen years of

the best and the state of the s

(6) No ree will be charged for the course. Students must provide, at their own expense, note-books and other stationery, as directed by the teacher.

6. Students who reside beyond a radius of four statute nuller from the fact center will, at the end of the ocurs, be allowed the cent of thrick as center will, at the end of the ocurs, be allowed the cent of thrick as the control of the center of the

unarestable cause.

â. (1.) It is recently committee adopting this â. (1.) It is recently formative adopting this â. (1.) It is recent, fewer amongst below own members, a special subcommittee of nor more than air members are adopting the classes.

(2.) This subcommittee about he responsible for organizing the classes.

(2.) The sub-committee abould be responsible for organising the classes and making all arrangements in connection theoretist. No afternation in the details of the schema, as approved by the Department on form A 1186, the schema of the classes of the schema of the s

of attendance of the students on the form provided, and in the manner prescribed by the Department.

8. The Servitary of the County Committee shall—

The Servitary of the County Committee shall—
 (1.) Submit on the prescribed form, for the approval of the Department, the details of the scheme as proposed for the cennty;
 (2.) At the carliest possible date after the opening of the classes, furnish

(a) as an extract position and rate the opening of the clasers, furnish to the Department, on the prescribed form, a return of the students in attendance, showing for each student the mode of travelling to the class and the duly milesge;

(3.) Obtain the Department's upported, in writing, for all payments in connection with this scheme, and keep a separate secount of all auch

in connection with this scheme, and keep a separate account of all such
payments;
(4.) Keep an importure and be responsible for the safe baseline of all

(4.) Keep an inventory, and be responsible for the safe keeping of all equipment provided for the purposes of this scheme;

(5.) Immediately after the close of the course, take charge of the equipment provided for the classes, and furnish a list of the same to the Department:

(6.) Submit to the Department a return of the attendance of the students and of the travelling allowances payable to them under this 9. In all matters of dispute relating to this scheme, the decision of the

Department shall be final. Norn.-If these classes are entered under the Department's revised scheme for the administration of grants to schools other than day secondary schools, the regulations of that scheme must be strictly observed.

WINTER AGRICULTURAL CLASSES. SYLLABUS OF THE COURSE.

Brief sketch of Origin and Formation of atits. Conditions influencing fortility. Soil improvement by draining, liming, &c. Study of a plant, and the functions of roots, stem and leaves; modifica-

tion of these organs. Elements of plant food and their selective importance from an agricultural point of view. Conditions affecting the development of plants. Examination of the habits of growth and duration of the principal crops and weeds found on the farm, and the practical application of this knowledge. Farmyard manure: its storage and application. Organic and artificial

manures. Composition, description and identification of artificial manures; their valuation, time and manure of application. Mixing manures, Special manures. Fertilisers und Feeding Stuffs Act.

Rotations. Cultivation, Seeding, Manuring and Harvesting of the principal farm crops. Furage and Cattle crops. Study of the commoner mosts pests and fungoid diseases of crops.

Characteristics, duration and adaptability for various purposes of grasses and clovers in farm practice. Identification of the different species and

Identification of farm seeds and the commoner impurities and adulternats. Germination and purity tests, how performed; the inferences to he drawn therefrom. Change of seed. Grass seed maxtures. Words and Agricultural Seeds Act.

Care and management of various classes of farm stock, with special reference to breeding, feeding and housing. Principal breeds of lire stock; and their characteristics. Constituent of foods; their respective functions and value in animal

constitution of tools, their respective restretions and result in animal nutrition. Valuation, manufal value. Discription and unes of homogrous and purchased feeding stuffs. Impurities and adulterants. Rations for various classes of farm stock. Methods of using foods. Secretion of milk; composition; conditions influencing the quality and quantity of the milk yield. Care and treatment of milk for new milk

quantity of the lain years. Care and arrandom of man to now min trade or butter-making. Cream repening. Milk records. Respective merits and demerits of the several systems of dairying. Summer and Winter dairying. Whiter darying.

Rules for estimating the areas of the principal geometrical figures met
with in clusin surveying and farm calculations. Field Book, method of
entering measurements; calculation and computation of areas. Practical
work with the chain in the field. Plotting from the field book to green

work with the chain in the areas. Foreign from the least work to given scales. Location of drains, dc., on the plans for future reference. Method of keeping a diary, cash book, and a recent of crofit seasons the contract of the results of the contract of tions. Parm valuations and stocktaking. Balance abeets: their interpretation. Estimates of the cost of various farm operations, &c.

A course in Votorinary Hygiens intended to indicate the treatment to be adopted in cases of accidents to or simple ailments of farm stock, and to

enable students to carry out intelligently the instructions of the Veterinary Surreon. To this end demonstrations will regularly follow class work.

The following in a durit pilothe of the numer—theming of Stock-Noscoly as "Leadiness Insystems of vanishing," relutioner of Wonder, Nature and Seat of Splints, Spavin, Outha, Ring-bors, and Stoke boos. Streeture of the Foot. Sheening of Homes. Discuss affecting the Foot. Digestive Organs, and Ommon Discusse of the same. Digestion by Foot and Common Processing of the same. Digestion by the one of the Lange Berkel World, Seating, Dislatebook, The Commonwe down Discusses, and as Tolevenionis, Influence, Okasders, Strangles, Archard, Sheeding, and Navel-Ille. Destritten in Paties, Com-Respiration, and Temperature. The Administration of Medicine to furn Stock. Bandaging. Tests for Soundness. Post Mortem Examination. The Care and Treatment of Mares at Foaling, Cows at Calving, and Ewesat Lambing.

Scheme No. 11.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

INSTRUCTION IN POULTRY-KEEPING, 1909-10.

 The Department are proposed to approve of the appointment of at least one Instructor in Poultry-Keeping for each country in Ireland, pre-vided the Country Committee can secure the services of persons qualified for the position. In the case of new appointments no person shall be eligible for the position of Instructor in the county of which he or she is a native or in which he or she resides permanently.

The Department will as far as possible, assist County Committees in obtaining Instructors by supplying the names of qualified persons. 2. Unless in exceptional encounstances the remuneration of the Justructor shall not exceed £2 per week, in addition to expenses of locomotion, which melade second or third class railway fure, as decided by the County Commattee, our hire when necessary, or a bicycle allowance not exceeding 2dper mile in lies thereof.

3. The employment of the Instructor under this scheme shall not continue beyond the 30th September, 1910, and it terminable at any time previous to that date by the giving of four weeks notice in writing on either sole. The appointment of a female Instructor will terminate us a matter of course on her marriage.

4. It will be the duty of the Instructor to deliver courses of lectures on poultry-keeping; to conduct classes and give practical matraetion and demonstrations on the treatment of common diseases, such as gapes, &c., demonstrations on a caracteristic or the stilling, plucking, transang, and pre-paration of poultry for market; to visit poultry rans, and give such practical advice as may be desired by poultry-hospers; to impact the agg distribution and turkey stations referred to in Clauses 10, 13, and 14, to assist selected applicants to procure suitable stock birds; to report to the Department and to the County Committee regarding the progress of his or her work either weekly or otherwise as may be required; and senerally to give his or her whole time towards promoting improvement in positry-

keeping in the county.

5. For courses of lectures the county should be divided into circuits, each comprising not less than five centres. The Instructor, except in special cases, should work for at least four weeks in each circuit, and deliver one lecture per week at earth centre during that time. The Instructor will be prepared to visit either on the day of the lecture or on the fallowing day, any of the poultry runs in the neighbourhood, and give such information on poultry-keeping as the circumstances of the case may The County Committee are alone responsible for the selection of centres-

and the arrangement of loctures and classes. No work of this nature-

should be undertaken by the Instructor, though it is desirable that he or she should be consulted.

6. It will be the duty of the County Committee to select contrex at which the lectures and classes will be held and to appoint a local committee, with an honorary serviary, at each centre, who should select the school and arrange for the hiring, lighting, and warming of the room in within the lectures will be delivered. In selecting centres the County Committee should have particular regards to districts in which lectures or classes may be a considered have particular regards to districts in which lectures or classes may be considered to the control of the control of

not have been held in previous years.

Is will also be the duty of the County Committee to undertake the responsibility of seeing that the Instructor's time is fully and usefully

employed. The County Committee shall keep a separate account of all expenditure under this scheme, and shall furnish such detailed statements of that expenditure as may from time to time be required by the Department. The Secretary of the County Committee shall keep an inventory, and be

segonible for the act-keeping of all equipment provided.

7. Lectures and classes should be arranged, wherever possible, to be given in achool-come or other suitable public scores, and should be held in rared contains only. These and the state of the s

which are local in the ereal parts of a county, openingly in districts without the greatest number of two interested in pulsylvalenges; as the found the greatest number of two interested in pulsylvalenges; as the found is representative districts for solid better, as well as for the distriction of the shat nything which will be propried by the better as seen as brightly which will be supplied by the Secretary of the County Counter, of the contract of the county of the counter of the c

8. The lectures should commerce early in antunin and be continued until the end of the hatching season. If early-prod during the summer months, the Institutor's should, during that season, conduct practical classes, in accordance with the provisions of Scheme No. 12, visit poultry runs qui inquire into, and advise upee, outbeakles of inscree.

9. In addition to the priminary inspection of applicantly premarks in Institute will be required to make at least two complet inspections of all hes and duck stations, and two impectations of goods and strategy stations in the county between the life. October that the county between the life exchange of the properties of the proper

DISTRIBUTION OF SITTINGS OF EGGS OF PURE BREEZES.

Hens and Ducks.

10 In countes were interaction in posity-keeping has been growted. Department are preposed to ancetica a functed number of personner of 55 each being started to approved applicants, a sector 4 by the Countries, who delictricate curvey the same old of the same of the countries, and the same of the countries are such that the countries are such as the countries of the countrie

(1.) To keep one pure breed of hom only. In exceptional cases the Department may approve of more than one pure breed being kept, provided they are natisfied that the objected person, homes, runs, briss, de., are suitable. Only one breed of ducks can be kept. (2.) To self or dectory any existing ford on the premises of which

(2.) To sell or destroy any existing fewl on the premises of which the instructor or the Department may disapprove, and not to brung on the premises, during the period for the distribution of eggs, fewl of any description without the american of the Instructor and of the Department.

(8.) To keep no male birds on the premises other than those annotationed for stock purposes of the approved breed or breeds of hem or durks.

durks.

(4.) To dispose of the male birds in use during 1908-9 and to replace

because the deficient consequences to use stock at the station.

The premium is claimed for horse above, to keep not keep thirty or premium is claimed for horse above, to keep not keep thirty or high claimed. If the premium chained in respect of home and stucked and consequence to the consequence of the consequence

or pullets, and one drake for every five or aix ducks.

(8) To replace each year at least one-third of the heas with early-intolled sellets.

(7) To provide proper housing where such does not already exist.

ableson passes.

(1) To provide proper housing where such does not already exist,

(1) To provide proper housing where such does not already exist,

for each to the cut to breeds being kept to provide a separate run

for each to the first open of the functioner and the Department.

The size of run for any flock of branch will require to be at least townly

square yards per bird.

(8) To feed and care the birds in such a manner as the Instructor

and the Department may require.

(b) To supply, during the sesson specified in par. (11.) below, (9.) To supply, during the sesson specified in par. (11.) below, estitings of eggs from the selected birds to any person in the country at its per dozen (the purchaser to bear the cost of package and carriage), and to supplies that the regular multilulus on the control of the control

month from the date on which they were sent out.

In special cases the Department may sanction an increase in the price of eggs, provided the County Committee show sufficient reasons for se dates.

(20.) To stome all eggs given out with a stamp provided for the purpose by the Ounty Committee.
(11.) To keep in a special hoole provided by the County Committee an activate percol of all eggs had and distributed. This book must be an activated percol of all eggs had and distributed. This book must be sent to the Department of the County committee at the end of the distributed to the Secretary of the County Committee at the end of the distributed on the Secretary of the County Committee at the end of the distributed on the Secretary of the County Committee at the end of the distributed on the Secretary of the County Committee at the end of the distributed on the Secretary of the County Committee at the end of the distributed on the Secretary of the County Committee at the end of the distributed on the County Count

ing assum, which will commence on the let December, 1900, and terminate on the size May, 1910. (See Caruse 18.)

(12.) To permit the Instructor and the Department to inspect the birds at any time.

Any infringement of the above rules may entail the cancellation of

the premium.

11. The following breeds of hers and ducks will alone be recognised;—

Have,

Laying Breeds.

Black Minoreus. White Legherms. Brown Legherns.

General Purpose Breeds,

Plymouth Rocks (Barred variety recommended). Orpingtons (Buff and White recommended). White Wyandottes. Salmen Favorolles, Sussex.

Only in the case of those stations at which Houdans were kept, under the 1908-9 scheme, with the approval of the Department, will the same breed be approved under this scheme. Houdans, however, will not be recognized in any fitture year.

Dutes.

Indian Runner. Ariesbury, Pekin, Rouen.

12 As additional grant of 50 per cent, of the attual case, but in our searcenting 50, may be made to salected persons who provide themselves for the purpose of this scheme with perialds wooden forth-bosons approved by the Department. This will apply only to persons who are taking up the scheme in 1900-10 for the first time. No grant will be made in respect of most the perial pe

Ggg

- 13. A limited number of premiums of £2 each may be offered to persons selected by the County Committee, and approved by the Department, who will undertake to comply with the following conditions:—
 - (1.) To keep only one pen of birds, viz.—a gander and three gress of the Embden breed.
 - (2.) To sell or dispose of any existing goese on the farm, of which the Instructor or the Department may disapprove, and not to hring on the farm, during the peried for the distribution of eggs, genes of any description without the sanction of the Instructor and of the
 - any description without the sanction of the Instructor and of the Department.

 (3.) To keep no gauder on the farm other than that sanctioned for
 - stock purposes.

 (4.) No gander shall be retained for more than three years at any one station. A gander which has been for three years at one station must be replaced by a bird unrelated to the stock at the station.
 - must be replaced by a bird unrelated to the stock at the station.

 (5.) To sell set less than 12 sittings of eggs to residents in the county; those who distribute less will be paid in proportion to the number distributed. No maximum number of sittings to be dis-
 - stributed is prescribed, but owners of stations must continue selling eggs at the fixed price until 31st May, 1940.

 (6) To sell the eggs at 1s. 6d, per sitting—three eggs to count as a stilling forward of markets and an entire eggs to count as a selling eggs.
 - sitting—(perclaser to defray the cost of puckage and carriage where necessary). Each applicant to be restricted to one stiring. (7.) To provide proper housing where such does not already exist. The birds to have access to suitable abetter or all times, and to be hand-fed, when a sufficient amount of natural (cod is not obtainable,
 - hand-red, when a subtractive amount of natural food is not obtainable, in such a way as the Instructors and the Department may require. [Nors.—Only those applicants who possess an adequate supply of unter will be approved as keepers of gauss stations.]
 - (8.) To stamp all eggs given out with a stamp provided for the purpose by the County Committee.
 - (b). We done in a special book provided by the Omnety Committee on some one-forced of all sags also and distributed. This looks must be sent to the Secretary of the County Committee or to the Department when also fire by either of these bodies. The looks must be returned to the Secretary of the one of the Secretary of the committee of the County of t
 - (10.) To permit the Instructor and the Department to inspect the birds at any time.

 Any infringement of the above rules may entell the concellation of the

Terrene

14 A limited number of premiums of £2 each may be offered to persons selected by the County Committee and approved by the Department who will undertake to comply with the following conditions :---

(1.) To keep one purched American Bosons stadt inthey each for the service of turkey beast, the property of residents in the courty. Twenty beas other than those belonging to the station holder must be served, at a few of 6d per service, by an approved interly cot. If a smaller number are served, the premium will be proportionally resulted and the state of the service of the content may offsuc to allow the bird to serve move or set served the owner may refuse to allow the bird to serve move or sub-stretch must be not less than the following weights see Let January, 1910, via: —Cockeele, 2d Blu; skulb bird, 28 Be. Birds more than the following the second of the serve move of the serve move or the second of the serve move of the second of the seco

three years old are not eligible for premiums.

(2.) To provide proper housing accommodation, and to feed and care the lerd in such a manner as the Instructor and the Department may

(8.) To keep no turkey cock other than the bird approved for the purpose of this scheme.
A statics-halder under the 1908-9 scheme will not be eligible to hold a

premium under the 1808-10 scheme unless the bird kept in 1908-9 is exchanged or an approved new bird purchased. A premium may be granted for a turkey cock selected in 1908-9, provided

the bird is suitable in every respect, and is located at a different station either in the same or in another country.

(4) To keep in a special book, provided by the County Committee, an accurate record of services. This book must be seat to the Secretary of the County Committee or to a superiorent when required, and in any case must be returned to the Secretary of the County Committee not later than the 7th Jens, 1910.

birds at any time.

Any infringement of the above rules may entail the cancellation of the presium.

Garco.

15. An applicant will be eligible for one premium only in respect of each of the following:—(a) heas or less and ducks, (b) goess and (c) turkers, but the same person may hold premiums for (a), (b) and (c). No premium however, will be given for ducks alone.

16. (1) A some as the Entretweet has been appointed and the number of the Control of the Control

County Constitutes for their final selection, such regulations in the time of the with regulation to requiring application for presents to deposit with each application is sum not cerediting 10s. Such deposit to be referred if it to application is not selected by the Committee or being assisted complies with applicant is not selected by the Committee or being assisted complies with a conditions of the county observe. The deposit to be forefulful to the County observe the conditions as selected failing to comply with all the conditions of the county observe assisted failing to comply with all the conditions of the county observe assisted failing to

comply with all the conditions of the county suberns.

17. The Department will not consider applications from a county in respect of premiums under this scheme later than let December, 1909.

County Committees who intend to adopt this scheme should have all arrangements completed price to be let January, 1810.

18. (1.) Not later than 74 June, 1919, the selected applicants for premiums must forward to the Scoretary of the County Committee the record looks referred to in Clauses 10 (11), 13 (9), and 14 (4), accompanied by a

cardificate that the entries in these hooks are correct, and that all the conditions of this scheme have been complied with. (2) As soon as the Department are satisfied as to the fulfilment of the conditions of this scheme, the Secretary of the County Committee will be notified that payment may be made by the Countities of the province.

conditions of the content of the con

3500fea in marring operat.
19. No action shall be taken by the County Committee towards putting this scheme, or any part thereof, into operation until the sanction of the Department has been obtained in writing.
90. In all matters of dispute relating to this acheme the decision of the Descriment shall be fine!

Scheme No. 12.

DEPARTMENT OF AGRICULTURE AND TRCHNICAL INSTRUCTION FOR IRELAND.

TUYORIAL AND PRACTICAL CLASSES IN POULTRY-KEEPING,

1909-10,

 The Department are prepared to approve of the helding of Tutorial and Practical Classes in Foultry-Keeping by the Thisaram Instructors in Poultry-Keeping in countries where circumstances justify the introduction of this form of instruction.
 Classes will be held at each selected centre for at least two but not

more than three weeks, and daily instruction of not less than two hours' direction will be given.

At less eight pupils must be enrolled at each centre, but not more than fifteen pupils will be admitted to any class.

fifteen pupils will be admitted to any class.

No pupil under fifteen years of ago will be entitled to receive instruction, and pupils must undertake to attend regularly.

It will be the duty of the Instructor—
 (a.) To give instruction in the subjects suggested in the syllabus, but the Instruction hand in Press of the State of the St

(6) year interestion as the superior segment of the place as well as the sensor of the year and the requirements of the place as well as the sensor of the year and the requirements of the place as day's work should commone with a discourse and demonstration, the pupils taking notes, and should be followed by practical instructions, and shaded to take as followed by the sensor of the pupils taking should be required to take as followed as possible; these

abould be carefully checked and corrected by the Instructor in ker spare-time.

At the end of each week the Instructor abould question the class on the week's work, and should hold a short examination at the end of the course.

(A) Do risk positer, russ every day in her pare time, especially, as the homes of pupils, and adrias as to requirement. He general castificates of unanagement should be goes into with the pupil, mistries and the pupil of the p

(d.) To keep a register of attendance of the pupils, recording thereis such particulars as the Department may require.
(c.) To furnish a report weekly to the Department and to the County Committee on the prescribed form.

4. It will be the dary of the Guesty Committee to select antable outree at which elease will be held, and to appoint at each settle a local committee, with an honorary sacretary, who will be responsible for the local arrangements processary and for a good and regular steedams of pupils. The local committee should undertake to have posters and handfulls, which will be supplied by the Severatory of the County Committee, effectively

displayed in the neighbourhood of the centre.

The centres should be selected in rural districts, and large towns and villages should be avoided.

No centre should be selected unless the Committee have good reason to believe that the instruction provided will be availed of to the fullest exceed. It will be the duty of the Secretary of the County Committee to keep as inventory, and he responsible for the safe keeping, of all equipment proyided.

SYLAABIG

(o.) SUBJECTS FOR DISCOURSE AND DESCONSTRUCTION.

I. Brend heat said to failabile—(1) for egg production; (2) for table value of first connect for bith purpose. Bestite paints of (1) s good layer; (2) a good table ford; and illustrate the difference between saids brend or the same production of the connection of the production of the brend over marging forts, and point on the value of selection for denred points, e.g., laying strains, etc. (Illustrate by disprairs and black-board heater). Collection of the connection of the connection of the brend heater than the connection of the connection of the connection of the layer of the connection of the connection of the connection of the connection of the layer of the connection of the connec

cleanillness; danger from parasites (red mits).

IV. Chtches Rodring—Conditions necessary for success. When to hatch
for (1) stock hirds; (2) egg production; (3) market. Describe simple hatch
ing box and how it might be made. Provide a hatching box and hom.
Demonstrate on making the sest and setting the her. Mention precartion necessary against rate and insect versum. Explain the importance

tion necessary against rate and insect verman. Explain the importance of freeh ground for chackens.

Describe best kind of coop and how to use it. (Illustrate by model or

black-board.)

V. Peding.—Importance of snitable food. Best foods: how to use
them for (1) rearing and fathering table poultry; (2) egg production.
Gyre appreximate quantifies and prices of foods; how sample of feeding
stuffs, grits, etc. Special attention should be pold to suitable foods of a
snape character within the reach of those who are being instructed.

VI. Selecting and Testing Hatching Eggs.—Kind et aggs to select; demonstrate with suitable and unautable eggs. Condition necessary to obtain fertile eggs; describe a fertile, infertile, and addred egg (blaceboard illustrations and specimens). Explain the use of testing demonstration with a hand-nested.

source measuration and operations. In the continuous starting with a hand-tester.

VII. Markeling of Eggs.—Nocessary conditions, with special reference to size, cleanlines, treshess; production of winter eggs.

VIII. East Preservatives for Home Use.—Best preservatives and how to

me skom. Demonstrate with butter, vaseline, or water-glass.

IN. Fattening.—Different methods, value of trough feeding; use of pellets; importance of observing proper motods as to feeting, kilbing, plucking, stubbing, singeing, shaping, cooling, packing, grading, neatures.

These motions might be explained, and brief notes given in preparation

for practical work.

X. Simple Accounts and Egg Records.—Explain advantages and refer to books, see page 6.

to specify see page w.

XI. Directes.—Explain symptoms, cause and treatment of the more
common diseases, making special mention of the importance of fresh
ground, isolation, etc., as a means of prevention.

Suggested Demonstrations.

(1.) Dissection of two birds, showing and explaining the effect and mippearame before the organs of a healthy and dissensed specimen. (2). Dissection of a chicken with gapes; explaining symptoms, cause, presently and caustrie treatment, and demonstrating the effect of foundation. (3). Dissection of an over-fat box, aboving and explaining, effect, and the explaining of the explaining the effect of the explaining of the explaining the effect of the explaining of the explaining the effect of the explaining the effect of the explaining in detail their consensation.

(b.)—PRACTICAL WORK IN WHICH PUPILS SHOULD TAKE PART

Fattering.—Houd cramming; the use of pellets.

Preparing Positing for Table and Market.—Killing, plucking, stubbung, singeing, stapping by tying down, packing.

Trussing.—Chuckens and ducks.

Procking sittings of eggs and small boxes of fresh eggs for private trade.

Econsisting of eggs and small boxes of fresh eggs for private trade.

Econsisting of opens of a brid.—Spectmens of different organs of a few death of the fresh of

The following subjects are empetated to meet special requirements:— Decks, Otens, and Tweleys, their reading and management. The Composition of an Sey.—Description of its compositions; the use and association of the various parts in the formation of the chickum. Demonstrations—Supplies specially the second of the chickum; the Demonstrations—Supplies specially the second of the chickum; the cases boxes, chicken comp, hatching boxes, etc.

TABLE OF WORK-EXAMPLE

Press Wee

Monnar.—(Opening Day.)

Previous to hour of class the Instructor should visit the appointed place to unpuck outfit and make final arrangements.

Discourse and Demonstration.

Fattening (†No. IX.).—Killing, placking, etc., and shaping joul.

Practical Work.
Killing, placking, etc., shaping (tyme down).

FURBLAY. -- Discourse and Demonstration.
Breeds best suited to district (*I); Trussing.

Practical Work.

Westernar.—Discourse and Demonstration.
Feeding (†V.); Dissection of digestive organs.

Proceed Work.

(1.) Killing, pincking, etc., shaping (tying down).

(2.) Pellet Cramaning.

THUMBOAY — Discourse and Demonstration,
Houses and Housing (†III.); Packing dead birds for market.

Practical Work, (1.) Packing birds for market.

(2.) Tressing. (3.) Pellet Commung.

† These numbers refer to syllabus.

FRIDAY .- Discourge and Demonstration Marketing of eggs (†VII.); Packing sittings of eggs and small hoxes of fresh eggs for private trade.

Practical Work Packing sittings of eggs and fresh eggs for private trade.

Class Work Questions to class on week's work, explaining correction of notes. SATURDAY.—Visiting poultry yards of pupils and others in the district, and giving practical advice according to requirements.

SECOND WEEK

MONDAY .- Discourse and Demonstration, Chicken rearing (+IV.); Demonstration on making nest and setting hen.

Practical Work.

(1.) Killing, plucking, shaping.
(2.) Packing sittings of eggs and fresh eggs for private trade.

TURIDAY .- Discourse and Demonstration, Selecting and testing hatching eggs (†VI.); showing and explaining use of hand tester. Practical Work

(1.) Trussing. (2.) Pellet Cramming.

WINNERDAY .- Discourse and Demonstration. Demonstration; Dissection of two birds, showing and explaining the effect and appearance between the critism of a healthy and diseased specimen.

Practical Work. Killing, plucking, shaping (tying down), etc.

THURSDAY .- Discourse and Demonstration. Demonstration; Dissortion of a chicken affected with gapes; explaining symptoms, cause, preventive and curative treatment, and

demonstrating the effect of furnigation. Practical Work. Trussing

Class Work. Keeping of accounts.

FRIDAY.—Discourse and Demonstration.

Egg preservation for home use, showing how to use one or more preservatives (†VIII.).

Glass Work Résumé of work of course; Examination (written, one hour's paper). SAYURDAY.-Packing outfit and moving to new centre.

Specimen account hooks are supplied to the Instructor, and each pupil shad be recommended to precure one from Mosers. Dollard & Co., Printingbous, Doblia. Price 6d, postage set teeping of monthly returns are unpiled to she Instructor, and additional cupies will be forwarded to

pupils who are willing to undertake the keeping of records.

† These numbers refer to avliahus.

* 2 Folding Tables, * 3 Trussing Boards, 8 Trussing Needles (8" × 10"),

	* 8 Trussing Knives					- 8	1	0		0	8
	1 Hone for Sharp	ening,								0	-0
	* 8 Stubbing Knives	, ,				69	- 0	7		0	4
	2 Choppere,					0	-0	8		θ	1
	16 Swab Cloths,					0	- 0	3			4
	* I Fattening Pen (Indoor)								0	
	* 1 Blackboard (36)	× 30°).								0	5
	Strong, Painted (16* × 5	24° sine	s. 4s. 6	(d.).						
	* 12 Farm Produce F	loxes (2	No. 1).		- 1	00	0	1		0	1
	*4 Farm Produce E	loxes (N	Vo. 3).			æ	0	3		0	ī
		creato	pent of	slok bi:	rds.	G.	2	6		0	Ä
						0	1	9		ō	3
		Brush.				-	-			ő	
										õ	ñ
			sine)				.0	24		ŏ	1
	* 6 Plucking Basket	i promi	. ,			-	2	o°		ŏ	10
						ö	ñ	5		ő	
	1 Spring Hook We	inhing I	Machin	· (40 1)	· 1	-09					ă.
	(56 lb. sage, 7s.),	Pares .	OK SOURIE I	e fan tr	· ,					٧.	3
	7 Sheets of Millb	anni A	904	90n /	(2						
	mounting ill	not madic	W-1	201)	(tor		0	411			
	4 Do. (15* >	1635	do.,			99	0	05		0	3
-	Egg Tester, fitted wit	h 11-1	- March			09	U	*		U	T.
•	Dag Testes, Height Wil	or parter	c dinbe	sagme	TOL :	LUTE	0 5	acc 4	ΣĪ		
	Patent Egg Testing I			1.0							1
•	rations will resemb 1	zemp;	carriag	o pma,						0	3
	rices stated, on the for Cost of packing the (Part outfit in pa All f.o.r. Dublin, pr Six days required to a	above, oportio toss nei recute	n.) L	4 200		. 10	gui.	ition		0	4
de	yand by person author Contractors will not h divery of any articles are, nor will they give ther being returned.	old ther on the	nselvea list not	respon	sible ar o	for wn r	de	ay i			
	The Knives can al Manufacturing Co., and the Egg Tester of 22 Dawson-street, D	Ltd., and Lax	17 Mes	rebants	r Oc	DAY.	D	ablim			
1	Dissecting Case, or 1 scissors, 1 forceps; This case may be of 41 Grafton-street, De	post fre	00,						. 0		,
wo mp gar dy:	Samples of foods an od wool; fumigating go ply of drugs, viz. :—Or sate of Potasb, Powd re, Issect Powder, etc. These articles might tents; it should be pos	d grita wder ar trbolic ored Si , estim	id hello Acid, F alphur, ated pr	we for ' iar's E Epson ioe, accord	Galsa Salsa Salsa	pes m, l lts,	Per Ck	mail man- loro-	1	5	
									£6	15	. 2
		" Irish	Manu	facture	2.				-	-	

Arrangements have been made for the supply of the following illustrations, which will be issued direct on application to the Department:—

1 Set of Poultry Illustrations (Soven Plates), 1 Set of Anatomy Illustrations (Four Plates). (Each illustration to be mounted on millioard by the

Scheme No. 13.

DEPARTMENT OF AGRICULTURE AND TEXHNICAL INSTRUCTIONFOR IRRIAND.

INSTRUCTION IN BUTTER-MAKING

1909-10.

1. The Department was prepared to approve of the appointment of at least one Instructor is Buttercanding in each country in Deland, provided the County Committee can secure the services of persons qualified for the position. In the case of new appointments to person shall be chighle for the position of fustructor in the country of which she is a native or in which she personabenty persides.

The Department will, as far as possible, assist County Committees in obtaining Instructors by supplying the names of qualified persons. 2. The remuneration of the Instructor shall not exceed £2 per week, in-

addition to expense of locomotion, which include second or third class railway fure as decided by the County Committee, carshire when see-searry, or a hurge allowance not exceeding 2d, per mile in lieu there of. 3. The employment of the Instructor under this scheme shall not continue beyond the 30th September, 1910, and is terminable at any time

previous to that date by the giving of four weeks' notice in writing on either side.

The appointment of an Instructor will terminate as a matter of course on her marriage.

on how marriage.

4. The instruction will take the form of daily lessons on dairying, accomposited by practical instruction in butter-making. Each comise shall extend to a period of not less than two, and not more than four weaks. Not more than twelve pupils should be admitted to each class. Pepils must undertake to attend regularly.

It is desirable that pupils should be at least 15 years of age.

On the first day of visiting each centre the Instructor should give a
public lecture and demonstration, and during the remainder of the course
at that centre should conduct a class daily in which pupils only will take
reart. but which shall be onen to the public.

The Instrumer shall keep a register of attendance of the pupils, recording therein such particulars as may be required by the Deportment. It will also be the day of the Instructor to visit based shirles in the country and to give actives to required; to stroy, where somethe during that part of the day not required fee class work, demonstrations in the making of whether, where the supplementation of the subjuscent actually in max in the fairlier without to the Department and the doubt of the subjuscent to the Department and to the Country Committee on the progress of her work either weekly or otherwise us may be required; and generally to give

her whole time to the ward of the Committee.

6. It will be the duty of the Outsy Committee to select unitable entires at which classes will be held, and to appoint at each centre a local committee, with an abnorancy secretary, who will be responsible for the sort arrangements necessary for the proper carrying out of the work, and who will be required to oughly with the annexed conditions. The lead our way to be compared to the contract of the contract contract of the contract Copies of these powers on high-yields in the mighinarchood of the centre. Copies of these powers on high-yields.

abouid be forwarded to the Department at least a week prior to the commemoentent of each class.

It will also be the duty of the County Committee to undertake the

responsibility of seeing that the Instructor's time is fully and usefully employed.

7. (a) The Secretary of the County Committee shall keep a separate account of all expenditure under this scheme, and shall furnish anch

account of all expenditure under this scheme, and shall furnish such detailed statements of that expenditure as may from time to time be required by the Department.

(b) He shall also keep an inventory of and be responsible for the safe

keeping of all equipment provided for the purposes of this scheme.

8. To evoid expense and to essure success these classes thould be held, so far as possible, in school-rooms or other suntable buildings in rurn centres. Unless in exceptional circumstances no class should be held in a large village or from; or near a creamer,

The country of the property of the recovery of the selection of centres and arrange committee are alone responsible for the selection of centres and arrange committee are alone responsible to the selection and arrange control of the selection and the selection with the selection of the Department has been betained in writing.

CONDITIONS REQUIRED OF LOCAL COMMITTERS.

I. To secure premises suitable for a working dury, if possible not less than 25 feet by 18 feet, or other dimensions affording similar floor space. Either a public room, schoolroom, or barn with good floor, would be sustable for the purpose.

II. To secure a sufficient supply of water.

III. To provide on the primites means of beating at least fifteen gallons of water at one time, for use in cleaning steasile, do.

IV. To provide sufficient milk or cream for use at the class, the Committee taking responsibility of sale of butter.

After the opening day at each centre about three gallons of milk and six gallons of cream will be required for each day's work. Arrange.

ments account of the state of t

The weight of the utensis is moully from 25 to 30 over, and they are somewhat bulky.

The Department recommend the following list of atensils for a travelling

dairy school attended by twelve pupils :-Cost. 6 End-over-End Churns, at £3, 6 Butter Workers, at 37s, 6d., 6 Butter Boards, at 2s., 4 Large Butter Boards, at 3s. 6d., 6 Scoops, nt 1s 6 Steves, at 2s. 6d., 6 Pairs Scotch Hands, at 2s. 6d. 0 15 0 6 Scuregers, at Is., 6 Scrubbing Brushes, at Is., 6 Thermometers, at Is. 6d., 6 White Enamelled Buckets, at 5s. 6d., 1 18 0 6 Iron Buckets, at 4s, 6d., Shallow Tins (Cream), at 4s . . 1 Pair Scales. 0.19 0 Set Iron Weights (7, 4, 2, 1, ½, & ¼ lb.), Set Brass Weights (2, 1, ½, & ½ oz.),

1	Portable Boiler (15 gallons),				2	14	_
-1	Hand Separator (17 callons ner-	hour)			0	10	
5	Pint Measures, at 1s. 3d., Skimmers, at 8d.,				0	5	
4	Quart Measures, at 1s. 9d.,				ő	7	
	Gerber Butter-fat Tester (2 Bo S-Quart Messure,	cstes),	about		0	10	
3	Lactometer,				0		
1	Set Creamometers,				4	ž,	

The above equipment allows one churn, one butter worker, and one set of the smaller utersule for two students. A dash thurn may be included in the equipment when the County Committee deem it desirable.

LOANS FOR THE PURCHASE OF HAND SEPARATORS.

Particulars of the conditions on which these loans are made to farmers occupying heldings valued at £50 and under may be obtained on application to the Secretary, Department of Agriculture and Technical Instruction for Ireland, Upper Merrion Street, Dublin. Letters of application so addressed need not be stamped.

Scheme No. 14.

Special attention is directed to Clause 9.

DEPARTMENT OF AGRICULTURE AND TRCHNICAL INSTRUCTION FOR IRELAND.

INSTRUCTION IN HORTICULTURE AND THE MANAGEMENT OF BEES, 1909-10.

1. The Department are prepared to approve of the appointment of at least one Instructor in Horticulture and Bee-keeping for each County in Ireland, provided the County Committees can secure the services of passage qualified for the position. In the case of new appointments no person shall be eligible for the position of Instructor in the county of which he The Department will, as far as possible, assest County Committees in

obtaining Instructors by supplying the names of qualified persons. 2. The remuneration of the Instructor shall not, unless in exceptional circumstances, exceed £2 per week, in addition to expenses of locumotion, which include second or third-class railway fare, as decided by the County Committee, car hire when necessary, or a betyric allowance, not exceeding 2d, per mile in hen thereof. If a motor cycle is used 3d, per mile may be

 The employment of the Instructor under this scheme shall not con-tinue beyond the 30th of September, 1910, and is terminable at any time previous to that date by the giving of four weeks' notice in writing on

4. It will be the duty of the Instructor to give demonstrations and, if approved, to deliver lectures on horticultural subjects, such as soils, macron, equiable, fruit, and force colivation, just dissues, some particular plant—to with generous and reduction, and pive precular dissurdant plant—to with a generous and content, and pive precular dissurdant data and experiments and other definanties in the spirit and summer as and in a precular plant and precular and particular and particular

He will be required to every out such duties as may be assigned to him in connection with any Order issued by the Department under the inconnection seeds and Peets Acts, 1877 and 1907. Further, it will be his duty to report to the County Committee the names and addresses of persons in the possession of bushes on which he has detected, or has reasonable grounds for superting the acuttence of any disease or pert referred to

5. The Instructor shall report to the County Committee on all cases of foul broad which may come under his notice, and shall act as Inspector of the County Committee for the purposes of the Bee Pest Prevention (Ireland) Regulations, 1969.

many negamatoms, the control of this scheme the country should be divided into creative, and the Instructors shall give outdoor, documentations for these of four weeks in such creativit. The Instructors shall varie of some such creativity of the state of the control of the co

The County Committee are alone responsible for the selection of contres for demonstrations. No work of this assum should be undertaken by the Instructor, though it is dissipable that he should be consulted. ?. It will be the duty of the County Committee to select centres at which demonstrations shall be given

In selecting centres the County Committee should have particular regard to districts in which bettures and demonstrations may not have been given in previous years.

It will also be duty of the County Committee to undertake the exaponsibility of seeing that the Instructor's time is fully and usefully

The County Committee shall keep a separate account of all expenditure under this scheme, and shall furnosh detailed statements of such expendi-

time a may from time a time be required by the Department.

S. When it is considered datable, with the approval of the Department, 20 arrange profile comes in the recenses, and the superval of the Department and the superval of the superv

followed by a discussion, thering which persons inferented in horticulture and thes-breuge will be irrated to an intension of the con-lections has already here given a new quithous should be presented.

The construction of the control of the control of the con-struction of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the Control of the Contr 550 anormone or 550 separations. Treland, it will be necessary for County Committees who intend to put this clause into operation to invite from nurserymen tenders for the supply of trees, &c., to be guaranteed free from disease, and before acceptance to submit the tenders to the Department for examination on or before let day of January in each year. Department may, if they think is advisable, inspect the trees, &c., that are offered for sale, and satisfy themselves that the trees, &c., are suitable and free from disease.

10. The horticultural demonstrations should commence early in autumn and be continued throughout the whole year

11. In each circuit one demonstration plot may be provisionally selected for the purpose of growing vegetables, fruit, and flowers, and showing improved methods of cultivation, but no new plots shall be selected in a county if a sufficient number of suitable plots have been established in

Before annetioning the establishment of a new plot the Department must he satisfied as to the suitability of the site, &c. (See Clause 12). Demonstration plots under this stheme may not be established in connection with National or other primary schools or teachers' residences. (a) In counties in which a sufficient number of suitable plots, approved

by the Department under the scheme, already exist, the Committee shall make provision for the continuous of the plots at a cast not to exceed £1 per lot. (See List A.) All requisite labour must be given gratuitously by the owner of the

plot, who will be entitled to the produce. (b) In cases where it is necessary to establish new plots the Department

will require compliance with the following regulations :-(1) Plots must not exceed a quarter of an acre in extent, or be less than one eighth of an acre (quarter-acre plots are recommended).

(2) No new plot shall be established save at a convenient centre (3) Plots should be selected on sites which are properly fenced. (4) The aspect of each plot and the nature of the soil must be suitable for vegetable growing and fruit cultivation. Necessary improve-

ments, such as drainage, must be carried out, and when required farmard manuse must be supplied by the plot owner without expense to (5) The owner of the plot must sign an undertaking to continue the plot for three years.

(6) The necessary balour must be given gratuitously by the persons The cost of trees, &c., required for planting a new plot must not exceed

£2. (See List B.) [Note.—The Department recommend that allotments attached to labourers' cuttages should be selected for the establishment of new demonstrates. strution plots subject to the foregoing conditions.

12. The Department's approval in writing must be obtained before any expense is incurred in connection with the establishment of a plot, and application for such approval must be accompanied in each case by a detailed report from the Instructor 13. No action shall be taken by the County Committee towards putting

this scheme, or any part thereof, into operation until the sanction of the Department has been obtained in writing. 14. In all matters of dispute relating to this scheme the decision of the

[APPENDIX

247 LIST A

SEEDS		HORTSCULTURAL	PL

			ALIDADI						
		1	egetables		омета.				
Variety.						Quantity.		Pri	
Pena,								6.	d.
Collins To		***	***	***		1 qt.	***	2	0
Cabbage, Ea	rriy,	1 41	100	***		1 oz.		0	9
No.	voy,	***	***	***	***	3 OZ-	***	0	4
Brussels Spr	route,		***	***	11.1	à cz.	***		б
Broccoli,	***		***			9 08.		- 0	9
Currete,			100		111) or		0	6
Parsnips,		111	4.4	111		l oz.	***	0	- 6
Onions, Spri	ng,				114	l oz.		1	0
- Auto	imit,				1.00	1 oz.		0	8
Look,						d ox.		0	6
Lettmoe,		***		***	***	§ 00.		0	6
			Flore	er Seeds.					
Sweet Pen.						1 packet		1	0
Mignomette.						1	147	- 0	3
Candituft,		411	27.5	112		1 11	***	- 0	3
Wallflower.						1 ,,		- 0	3
Nasturtium,				100		1 ,,		0	3
								10	0
			Artificon	l Manur	68.				
Sulphate of	Potesh.					8 st.	1		
Nitrate of Se	ods.				***	8 st.		10	0
Superphosph	sto,		***		***	4 st.)		
						Total.	63	0 .	0

LIST B.

PLANTS AND SEEDS RECOMMENDED FOR NEW HORZICULTURAL DEMONSTRATION PLOTS, 1910.

		Fruit and	Vege	tables.			
Variety.					Quantity.		Price
Apple Trees,					6		6
Black Ourrants,	***				6		2
Gosseberries.				1.04	6		2 2
Rhubarb.		411			3		2
Potatoes, Early,		***			4 84.		4
Lote.			610		d st.	***	2
Pess			***	***	1 qt.	***	0
Cabbage, Barly,			***	***			Ü
- Savoy,	***	111			i os.	***	Ü
Broccoli,				111	d on.		0
Brussels Sprouts,	444	***		111	1 00.		0
Carrote,	111	***	***		1 or.		0
Parsnips,	***	***			1 os.		1 (
Onions, Spring,	***				1 os.		0 1
Autumn,					à es.		0 1
Look,					€ os.	121	0
Letture,							

			Flowers.	ç	mantity.		Pn	
								d.
Sweet Pen,			***		1 packet		1	1
Mignouette,	***	100		1.00	1 ,,		0	- 2
Canditaft,	***			***	1 .,		- o	2
Waliflower,	***				1 ;;		0	2
Nasturtium,		200		***	1 ,,		0	2
						- 3	21 10	-
		Artific	ial Manare	18.		-		ш
Sulphate of Potash.					8 st.		,	
Nitrate of Soda.		-			3 st.		10	-
Superphosphate,					4 st.	- 34	10	0
Doper prioripation,		***	***		4 81.		,	
					Total.	- 4	2 0	-

Scheme No. 20

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

SCHEME FOR ENCOURAGING IMPROVEMENT IN THE D CATTLE OF IRELAND THROUGH THE SELECTION AND REGISTRATION OF COWS. Duirying, as well as the raising of store cattle, is one of the principal

branches of agriculture pursued in this country. It is, accordingly, of importance that the milking properties of Irish cuttle should be preserved and improved. In dairy herds the yield and quality of milk given by each ow largely determine whether that animal realises a profit or entails a loss to the owner; consequently it is essential that farmers should know exactly the quantity and quality of milk which each cow yields per unnum. At the same time, as young cattle are a considerable source of revenue, it is desirable that the good milking cow should he of the type likely to produce a calf which will be of value for both beef and milk. With the object of encouraging the improvement of Irish dury cattle, the Deportment have decided to put into operation the following scheme-

1. The Department will keep a register of dairy cattle in which cows and their produce may be entered, subject to the provisions of this scheme. The inspection of cows with a view to entry on this register will be carried out by the Denartment. 2. Owners of good cross-bred and nure-bred dairy cows are invited to

apply on the prescribed form for the imspection of their stock by the Department as regards :-(a) General merit (i.c., appearance), and

(b) Milk yield.

Only cows of a distinct and well-defined type are eligible.

3. Applications for the inspection of cows must be ledged with the Department on the prescribed form on or before the 31st August each year, and must be accompanied by a fee of 2s. 6d. in respect of each cow entered for inspection. As soon as all applications have been received, the Department will give due notice to each now owner of the centre fixed for inspection of his

animals. Cow owners presenting animals for inspection will be refunded all fees eaid by them except in respect of cows which are provisionally selected for registration under Clause 4.

 Cows will be provisionally selected, on the ground of general merit, at loval shows, local exhibitions, or at such other convenient centres as may be determined by the Department.

With regard to the experience of the control of the

Provisionally Selected Cons.

 Owners of cows provisionally selected under Clause 4, are required to cheeve the following conditions:—

(a) To provide themselves with an approved type of machine for weighing milk;
(b) To weigh the milk yielded by each cow on every seventh day dur.

ing the entire malking period (the exact day of the week for each berd will be fixed by the Department), and to record the same on the form provided for the purpose; (c) To permit their bards to be inspected by the Department as any

time; and,

(d) To afford the Department every facility for examining the milk records and for taking samples of the milk of each selected

The records kept under Clause 5 (b) shall be forwarded to the Department when required. This will, usually, he at the end of the year following that in which the cous were provisionally selected.

7. As soon as possible after the receipt of these records, the Department MI Bottly to canh owner of a provisionally adocted one where decision as well as the control of Canada, and if the control of Canada of the Can

entitled to the same henciits as if calved after the registration of the dam. **Resistence Cours**

 The owner of each registered cow must comply with the following conditions:—

(e) To have the animal served by a registered dairy hull or a pure-kred hull of her own type. These bulls must be passed by the Departna alighbe for a premium: [Persons who intend eventually to enter the program of

registered cows in the hardbooks of their respective heeds must have the cows served by pure-bred hulls. N.B.—A registered dairy hull may be pure-bred. (b) To forward on the prescribed form a certificate of service to the

Department within three months from the date of such service;

(c) To turnish to the Department on the prescribed form, within seven days from the date of hirth, particulars regarding sos, colour, markings, do., of each call preduced by a registered cow; and, (d) To keep on the prescribed form a record of the breeding, date of hirth, de., of preduce, for the purposes of inture remittration.

10. The female progeny from the service of registered cows by approved pure-hard hulls will be eligible for inspection at or about two years old, at a fee of 25, 64, each. When a registered cow or her calf has been disposed of, the Department must be notified of the fact within fourteen days of the disposal of the saimal, and it the same time advised of the name and address of the new owner.

The death of a registered cow or her calf must also be notified to the Department within fourteen days of the death of the animal 12. In all cases of dispute in matters connected with this scheme the decision of the Department shall be final. March, 1910.

SCHEME No. 22

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION

VETERINARY DISPENSARIES IN CONGESTED DISTRICTS.

1. The Department will catablish a limited number of Votorimary Dispensaries in the poorer parts of the nine congested counties. For this purpose they propose to subsidise a number of Veterinary Surgeons whose headquarters are within reasonable distance of the districts to be benefited

2. In fixing the subsidy to be paid Veterinary Surgeons for their services the Department will take into consideration the poverty of the district, the difficulties of travelling, and whether the district is as is not regularly risited by the Veterinary Surgeon in the ordinary course of his practice. 78516d by use voterinary Sergeon is the ordered to give advice to all 5. Subschized Veterinary Surgeons will be required to give advice to all bose fide farmers under k10 valuation and resident in congested distrets

4. The term "bone fide farmer" is to be understood to mean a person who derives his means of living mainly from the cultivation of his holding.

Each applicant must, if requested to do so, produce evidence that his tetal valuation does not exceed £10. 5. Subsidised Veterinary Surgeons will be required to attend at certain centres at least fortnightly, or as may be arranged, on days and at home

fixed by the Department, and advertised by them in the district.

6. Subsidued Veterinary Surgeons must also attend when required at the residence of farmers entitled to the benefits of this scheme. The following scale of fees will apply :-

Advice at headquarters or dispensary, 1/- per case. Simple operations at beadquarters or dispensary, 1/- per case. Server operations at headquarters or dispensary, 2/6 per case to:

persons whose valuation is £5 or under, and 5/- per case for persons whose valuation exceeds £5 but does not exceed £10. Incredation at headquarters or dispensary, 1/- per case. Attendance at farmer's residence, 1/- per & of valuation, provided the

Double fees may be charged after sunset S. Medicines supplied by the Veterinary Surgeon to persons entitled to

the benefits of this scheme shall be charged for in addition at reasonable 9. Subsidized Vetermany Surgeons will be required to keep at their headquarters and at each disputerry a record of the number and the

and the amount charged for any medicines supplied 10. The Department reserve the right to sak such Veterinary Surgeon subsidised under this scheme to give public lectures on veterinary hygiene

11. The work of each subsidised officer under this scheme shall be subject to impection by the Department from time to time.

12. The subsidy will be paid at the end of each quarter,

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

REVISED SCHEME OF AGRICULTURAL EXPERIMENTS

These experiments are intended only for those counties in which an agricultural instructor bas been appointed for the purpose of personally attending to all the details of selecting and measuring the land, sowing the seed, applying the manure, weighing the crops, and tabulating and writing a report on the

Agricultural instructors should be specially careful not to undertake experimeets of tee many centres, as the amount of work necessary is much greater than is supposed by those who have no experience of field experiments. Demonstrations with seeds and manures may be undertaken at a much larger number of centres.

Before commencing field experiments and demonstrations, each instructor must submit to the Department his proposals for the year. In all cases seeds and manages must be ordered by the instructor, and paid for by the County Committee.

As early as possible, after the close of the sessou, tabulated results of the As early as possible, after the close of the assess, takelasted results of the experiments must be sent to the Department, and where these see presented in a concise form, secondament by brief and carefully prepared notes, the Department of the control of the control of the control of the control of the Department of the control of th which abould be firmly driven into the ground.

These plots are intended as object lessons to farmers in the cultivation, manuring and seeding of band, and should be labelled to that an orninary observer may be able easily to ascertain what they are intended to show. One label will suffice for each demonstration plot, but in the case of an experiment which includes several plots, a larger label stating the general character of the experiment about the creeted in addition to the smaller labels, giving particulars with respect to each of the plots included in the experiments. The labels should be copalise of resisting the weather. No change must be made in any of the manural experiments, as given below, but the instructor may include such additional plots as local conditions render

advisable. In the variety tests metrasters are required to include all the varieties specified in each list. ecting is each size.

It is not absolutely necessary to have both a minutest and a variety test with any particular crop One or other, or both, may be emitted at discretion.

SCHEME OF THE EXPERIMENTS.

All the experiments with the exception of those numbered II., IX., X., XIII., and KVL (introduced in 1908), have been carried out assembly since 1902, seems slight medifications having been made in 1905 and 1959.

L-OAT CROP (Manurial Test. Old Server)

Size of plots, one-tenth of a statute some

The following kinds and quantities of manure will be used per statute acre :-No. or PLOT. No. or Prov.

1 cwt. Sulphate of Ammona.

5.
3 cwt. Superphosphate.
8 cwt. Kaing.

1 cwt. Sulphate of Ammonia. 3 cwt. Seperphosphate. 11 curt. Sulphate of Ammonia. 13 cwt. Superphosphate.

5 cwt. of mixture of artificials made up in same proportions se for Plea 5.

IL-OAT CROP (Magazrial Test. New Series).

Site of plots, ope-tenth of a statute age, The following kinds and quantities of manure will be used per statute acre :-

No. or Prov. No. or Prov L No measure. 4. Suphate of Ammonia.
4. Superphosphate.
2 curt. Kaintt.
1 cwt. Suphate of Ammonia.

 $2. \begin{cases} 1 \text{ ewt. Sulphste of Ammonia.} \\ 2 \text{ owt. Superphosphate.} \\ 2 \text{ owt. Kainst.} \end{cases}$ 5. 3 owt. Superphosphate. 3 owt. Kaint. 1 owt. Sulphate of Ammonia 3.

1 cwt. Sulphate of Ammount
3 cwt. Superphosphate.
2 cwt. Kningt 3 cwt. Suppliete of Ann. 3 cwt. Superphosphate. 4 cwt. Kaint.

111 .- OAT CROP (Variety Test).

Size of plots not less thou one-eighth or more than a quarter of a statute acre. The following varieties to be tested :-

7. Any other varietys

No. or PLOT. No. of Plot. 5. Torter King. 6. Benner. 1. Potato. 2. Black Turturian.

4. Wayerley IV .- BARLEY CROP (Manuful Test).

Size of plots, one-tenth of a statute sere. The kinds and quantities of manage will be the same as for Oats (see above).

V .- BABLEY CROP (Variety Test). Size of plots, not less than one-eighth or more than a quarter of a statute arre-

The following varieties to be tested ----No. or Prov No. or PLOT. 3. Any other variety,

1. Arolur's Chevallier. 2. Goldtberge. VL-WHEAT CROP (Variety Text).

Size of plats, not less than one-eighth or more than a quarter of a statute age. The following varieties may be tested :-

No. or Plot. No. or Pror. 4. White Quern. Red Pite.
 Red Chaff White.
 White Stand-up. 5. Any other variety (preferably

VIL-TURNIP CROP (Manurial Test with Formyord Manure. Old Series).

Size of plots, one-twentieth of a statute acre-The following kinds and quantities of measures will be used per statute acre :--

No. or Prov. No. or Plor No manure (size of this plot (10 tons Farmyard Manure.

6. d cwt. Superphosiphate. 1 cwt. Sulphate of Ammonia 3 cwt. Kamit. 20 tons formyard manure. (10 tons Farmysed Manney. (10 tons Formyard Manure

4 cwt. Superphosphate.
5. down. Superphosphate.
6. down. Superphosphate.
7 cwt. Superphosphate.
8 cwt. Superphosphate. 7. 5 cws. of mixture of artificials made up in swme proportions as for Plot 6.

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No. or Ploy.
L. No manure (size of this Plot,
                                                      (4 cwi. Superphosphate.
                                                 4. I out Sulphate of Ammonia.
3 evt. Kalnia.
6 evt. Supperbusphate.
5. [1] evt. Sulphate of Ammonia.
4] evt. Kalnia.
4] evt. Kalnia.
          one-fortseth of a statute sere).
  2. 4 cwt. Superphosphate.
3. 14 cwt. Superphosphate.
4. 1 cwt. Superphosphate.
IX -TURNIP CROP (Manurial Test wirm Farmyard Manure. New Series).
                  Size of plots, one-twentieth of a statute ners.
No. of Prov.
                                               No. of Ploy.
                                                 5. 110 tons Farmyard Manure.
      10 tons Farmyard Manuer
       410 tons Farmyard Manure
                                                       4 ewt- Basic Sing
         4 cwt . Superphosphate.
                                                       (10 tons Farmyard Manure.
       (10 tons Farmyard Manure-
                                                  6.
                                                     5 cwt. Basic Slag.
10 tons. Farmyard Monure.
6 cwt. Basic Slag.
  3.
       10 tens Fermyard Manure.
6 ewi. Superphesphate.
X .- TURNIP CROP Observed
                                        Test WITHOUT Farmyard Manure. New
                                         Sories).
                  Size of plots, one-twentieth of a statute acre.
No. of Plot.
                                             No. of Prop.
     4 cwt. Superphosphate.
                                                  4 Cwt. Basic Sing.
4 1 cwt. Sniphate of Ammonia.
3 cwt Kaimt.
5 cwt. Busic Sing.
5. 1 cwt. Suiphate of Ammonia.
        5 cwt. Superphosphate
1 cwt. Sulphoto of Ammonis.
        3 cut. Kainit
        6 cwt. Superphosphate.
                                                 6. 1 cwt. Sulphate of Ammenia.
3 cwt. Kalmt.
          ewt. Sulphate of Ammonia
       3 cut. Kamit.
                         XI-TURNIPOP (Variety Test).
                 Size of plots, each four ridges full length of field,
  The following varieties to be tested :-
                                       SWEDES.
                                           No. or Prov
No. or PLOT.
  1. Improved Purple Top.
2. Best of all.
                                                 5. Elephant
                                                 6. Stirling Castle.
7. Incomparable Green top (Garten).
  3. Magnum Benum
  4 Triumph.
                                YELLOW TURNIPS.
                                                 II. Any other variety.
  10. Aberdeen Green top.
            FXIL-MANGEL CROP (Manurial Test. Old Series).
                  Size of plots, one-twentieth of a statute sore.
  The following kinds and quantities of menures will be used per statute acre :-
                                                 No. or Prov.
No. or Prov.
                                                   (20 tons Farmyard Manuer,
4 cwt. Superphosphate.
      No manure (size of this plot,
          one-fertieth of a statute sere).
                                                     2 cwt. Sulphate of Ammenia
         20 tone Farmyard Monure.
       (29 tons Farmyard Manure.
       4 cut. Superphosphate.
                                                 6. 20 tens Farmyard Manure.
20 tens Farmyard Manure.
2 ewt. Sulphate of Ammonia.
        20 tons Farmyard Manure.
         4 cwi. Superphosphate.
2 cwi. Sulphate of Ammenia.
                                                     4 curt. Soilt.
```

```
(20 tons Formyard Massere-
4 cart. Superphosphore
5 cm) 6 cm
   4 ewi. Salt.
2 ewi. Nitrate of Sada (to be
     spoked after thinning in two
     dressings).
```

XIII.-MANGEL CROP (Manurial Test. New Series). Size of plots, one-twentieth of a statuth nore.

No. or Plot. No. of Plor. 20 tons Farmyard Manure.
4 cwt. Superphorphate.
1 owt. Sulphate of Ammonia 1. 20 tens Fermyard Manure. 4 owt. Salt. 2 cwt. Sulphate of Ammonia 4 cwt. Salt.

20 tons Farmyard Manura. 4 owt. Superphosphate. 3 owt. Sulphate of Ammonia. 4 cut. Salt. 20 tens Fermyard Manure. 4 cwt. Superphosphate. 2 cwt. Sulphate of Ammonia 50 tors Farmyard Masure. (20 tons Farmyard Manuré.

5 owt. Superphosphate. 2 owt. Superphosphate. 4 owt. Sukate of Ameninia 2 cwt. Sulphete of Ammonia. 2 cut. Saft. (20 tons Farmyard Manure.

4 owt. Superphosphate. 2 cwt. Sulphate of Ammonia. 6 cwt. Salt.

XIV .- MANGEL CROP (Veriety Test). Size of plots, each four ridges full length of field. The following varieties to be tested :-No. of Proz.

No. or Prov. 1. Yellow Globe. 2. Prino Winner. 3. Golden Tankard.

4. Long Rod 5. Any other variety. XV .- POTATO CROP (Manurial Test. Old Series)

Size of plots, one-twentieth of a statute sere. The following kinds and quantities of matures will be used per statute area --

No. or Page. No manure (size of this plot, 15 tons Farmywed Measure

20 tons Farmyard Manure. 4 cwt. Superpheophate. 5 tone Fermyard Meaure. l cwt. Sulphate of Ammonia 15 tons Farmyard Manure. 1 owt. Sulphate of Ammonia. 1 owt. Sulphate of Ammenia. 4 cwt. Superphosphate. 1 owt. Sulphate of Potash.

4 curt. Superphosphate. XVI.--POTATO CROP (Manurial Test. New Series).

Suce of plots, one-twentieth of a statute acre. No. or Prov No. or Proz.

15 tons Farmyard Manure 3 cwt. Superphosphete.
1 cwt. Sulphate of Ammonia.
1 cwt. Migriste of Petush.

4 cut. Superphosphate.
1 cut Sulphate of Ammonia
1 cut. Murrato of Potesh.

(15 tons Farmyard Manure. 5 cut. Superphorphato. 1 cut. Sulphate of Ammonia.

1 cort. Muriate of Potsch.

(15 tons Farmyard Manure, d owi. Superphosphate.

I ewt. Superphosphate.

I ewt. Suphste of Ammenia.

I out. Musste of Potath.

(15 tons Farmyard Manuro. 4 owt. Superphosphate. 2 cwt. Sulphote of Ammonia.

7. | 15 tons Farmyard Manure. 4 ows. Superphasphate. 1 ews. Sulphate of Amesonia.

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3. | 15 tons Farmyard Manure.
4 cwt. Superphosphate.
1 owt. Sulphote of Ammonia
2 cwt. Muriate of Potspb.
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XVII.--POTATO CROP (Variety Test)

Size of plote, one-twentieth of a statute acre.

The following varieties to be tested:—

```
The Swedening varieties to be tested— Mol-Senam.

Mol-Senam.
No. or First
1. Up-to-date,
2. Dushess of Cornwall,
3. Factor.
3. Pactor.
5. Sharment,
6. Bhate Sherries,
6. Bhate Sherries,
6. Cold Championity.
```

XVIII.—POTATO CROP (Boxing Test). Size of plots, one twentieth of a statute sere-

No. or Prox.

1. "Seed" boxed before December let.

2. Seed boxed after January Sist.

3. Vangrouted seed.

XIX.—POTATO CROP (Spraying Tost). Size of plote, one-tenth of a statute nore.

The following will be compared:—
(120 galliene of mixture to be applied per statute acre at each spraying).

No. or PLON.

1. Unsprayed.

2. Riftent of a 1 per cent. lime or Bordsaux mixture, duable application.

3. Riftent of a 2 per cent. lime or Bordsaux mixture, augh application.

4. Effect of a 2 per cent. lime or Bordsaux mixture, duable application.

4. Effect of a 1 per cent, and or Burgandy mixture, descho application.

6. Effect of a 1 per cent, and or Burgandy mixture, descho application.

7. Effect of a 2 per cent, sedo or Burgandy mixture, single application.

8. Effect of a 2 per cent, sedo or Burgandy mixture, single application.

8. Effect of a 2 per cent, sedo or Burgandy mixture, double application.

8. Effect of a 2 per cent, sedo or Burgandy mixture, double application.

WEEDS. (Spraying Tool).
Size of plots, one-tenth of a statute zore.

Size of plots, one-tenth of a statute

The following solutions will be tested:

No. or Prov.

Unapertyod.
 So gallons 3 per cent. Sulphate of Copper.
 So gallons 4 per cent. Sulphate of Copper.

XXI.—MEADOW HAY CROP (Manurial Test for one year).

Size of plots, one-twentisth of a statute zero.

The following kinds and quantities of manures will be used per etatute acre :—
No. or Prov.
No. or Prov.

No. or Prov.

1. No manure.
2. 10 tons Farmyard Maoure.
3. 1 evel. Nitrote of Seda.
4 10 evel. Nitrote of Seda.
5 (1 evel. Nitrote of Seda.
6 (1 evel. Nitrote of Seda.
7 (1 evel. Nitrote of Seda.

5. 1 cws. satisfie of Soda. (2 cws. Niteste of Soda. 4. (2 cws. Niteste of Soda. 5 cws. Superphosphate. 6 cws. Sup

XXII....IMPROVEMENT OF SECOND OF ASS PASTURE

Improvement to be estimated by Observation, Size of plots, one-quarter of a statute sore.

The following kinds and quantities of manures may be used per statute sore :--No. or Prov. No. of Proz. 1. 5 curt. Basic Slag.

4. 10 cwt. Busic Slag. (5 cwt. Basic Slag. 2 cwt. Kainit. 2 cwt. Kalnit. 5 cwt. Potentic Superphosphate

10 owt. Brese Sing 10 cwt. Potassic Superphosphate XXIII .- INFLUENCE OF SEED MIXTURES IN FORMING PASTURE.

Land selected to be left in grass for not less then two years. Size of plots, one-tenth of a statute acre.

The following mixtures may be tested :-

Plot 1. 10 L. bushel Itahan Rye Grass (22 lb, the bushel).
½ bushel Perunnial Rye Grass (28 lb, the bushel).
4 lb, Red Clever.
2 lb, White Glover.

Plut 9. bushel Perennial Rye Grass (28 lb. the bushel).

2 bushel Italian Rye Grass (22 lb. the bushel). 4 lb. Red Clover. 2 lb. White Clover. Plot 3

i bushel Meadow Fescue (29 lb. the bushel). † bushel Italian Rye Grass (23 lb. the bushel). † lb. Red Glever. 2 lb. White Clover. Plot 4.

bushel Perennial Rye Grass (28 lb. the bushel). bushel Italian Rye Grass (22 lb the hushel).

3 lb. Timothy. 3 lb. Mendew Fescue.

3 lb. Red Clover. 2 lb. Alsike Clover. 2 lb. White Clover.

[N.B.—It should be carefully noted that the Suprephosphate, Basic Slag, Sulphate of Potash, and Muriate of Potash used in these experiments must be High Grade. Low Grade Manures should not be used).

> DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IBRIAND.

UPPER MERRION STREET, DURLIN, Desember, 1960.

No. 23263/'00.

Words and Agricultural Seeds (Ireland) Act, 1909. Sun,—I have to inform you that the above Act, which has just been passed, will come into force on let January, 1910. The Department desire to bring under the notice of all persons engaged in the sale of agricultural

seeds in Ireland the main provisions of the Act so far as they relate to The object of Part II. of the Act briefly is to enable the Department to

exercise over the trade in agricultural seeds a expertance similar to that exercised by them in the case of artificial manures and cattle foods under the Fertilisers and Feeding Stuffs Act, 1906,

It is as countial for the proper cultivation of crops that pure socks and sold fulling fermations should be estimated as the pool manuscular of the property o

The Act has, therefore, heen passed with a view to putting a check on the me of seed of this description. The undermentioned Sections which apply specially to seeds are quoted in full for the information of those concerned in the trade;

Section 5 (1). Any officer of the Department shall have power at all reasonable hours to enter the shop, store, or other premises of any person who sells or exposes or keeps for sale agreeditural seeds for sowing, and to examine and take samples of any agricultural seeds

(2). The person on whose promuses a sample of agricultural sceda is ataxim under this Section shall; if the efforc requires, give the same and address of the person from whose he prospect the sceed; and if or address, be shall be guilty of an officer such either this Act, and shall be listled on summary conviction to a penalty not exceeding Fun Section 6. The Department may cause any sample of agricultural Section 6. The Department may cause any sample of agricultural

aceds taken under this Act to be tested for purity and germanation, and may publish is such manner as they thank it the scale of the tests and the names and addresses of the persons upon whose premises the samples were taken, and of the pursons from whom the yeads were stated to have been premered.

In Part III. of the Act "ogricultural seeds" any defined as meaning

In Pair III. of the Act "agreement seems " are defined as meaning the seeds of grass, clover, flax, oreals, turnips, rape, mangel, carrots, cablege, or persum.

The deside of all geneses that may be sold for agricultural purposes are overed by the left. Phen are, become any areas grosses that need converted by the left. Phen are, become any areas grosses that need Transfer, Hardow Frecca, Mackey Fectialt, and a specal cone Creede Deside. The Department of non-resonance of two orders of codes, and, ordering the properties of the contraction of the order of codes, and, exclusively, Shepkeepers would do will to shock to orders. The use of exclusively, Shepkeepers would do will to shock to orders. The use of the Armondy study, be act will can be operation as the left Armondy 2004, 1994 which date the Department's agreedisteal obsers will be a strongly study to the contraction of the same and the same of Testing Science with a tree to assertioning for publication at tangent desirable, the quality and armor of the same and because of the contraction of the contraction of the contraction of the property attention on their to the shade of their business.

special research in Fermi et al. and of their poissons.

For the special research is the special poisson of the special poisson of the special poisson is the special poisson very shortly, and the Drug-Hert would strongly impress apon ideas the seed for easering that they purchase near both the best. They should get a guarantee from the wholeask firm of seedance with when they deal that the seeds are fresh, pure, true to mane, and of the special power. The beginning the special poisson is the special power. The beginning the special poisson is the special power of the special poisson in the

It should be to the interest of those engaged in the seed trade, as well as of farmers, to place and maintain the trade in this country on a high

level in every respect, and the Department feel confident that in their efforts to excure this very desirable result they may rely upon the active co-peristion of all vendors of agricultural seeds. As mentioned above, a good deal of the harm in due to write of technical. As mentioned above, a good deal of the harm in due to write of technical that the seeds of the engaged in the trade to improve their knowledge in this respect, the Department hope at a Tuttore period to make provision, if there is a sufficient demand for it, for some boat technical institutions on this arbived engaged with the seeds of the subject at a later date.

I am,
Sir,
Your obedient Servant,
T. P. GILL,
Secretary.

To the Person or Firm named in the Address.

> Department of Assiculture and Truinical Instruction for Ireland, Upper Merrion String, Dublan, 10th December, 1900.

No. 24888/109.

Weeds and Agricultural Soeds (Ireland) Act, 1909.

Sin,—The Department invite the attention of your Council to the main provisions of the above Act (copy enclosed) which will come into operation on the 1st Jaumary next, in so far as they relate to the prevention of the aprend of noxious weeds in this country.

There are, of course, numerous weeds not specified in the Act which might with advantage have been included in a measure of this kind, but it will be admitted that the five mentioned, vias, Ragwert, Charlock, Obitscoot, Thietle, and Dork, are among the most troublesome with which Irish fratures have to contend

It is hardly necessary to point out to the Council the incidulable harmwhich these receive, infortunately a prevalent in Trained, do to agriculture both by rabbing the soil of the valuable point food and by crewing out to be soil of the council of the council of the council of the grant property of the council of the council of the council of the greening weeding, cultivating, and harvesting, as well as the cost of a many distincts systemate efforts are made by curred farmers to

In miny districts systematic efforts are made by current farmers to creditate the vector of this ratter form their land, but their efforts are offset to a post extent millified by the negligemen of their neighbours who permit such vector to grow anniholded on their farms. The week from these plants are conveyed by the wind and other means to the adjouring the permit such vector model when the fartherenthous disse of frazers is reposely undessed, most week of the fartherenthous disse of frazers is unedable efforts to deal with the weed difficulty.

This Act is, therefore, intended to be used on a means for securant when

This Act is, therefore, intended to be used as a means for securing shatefforts shall be made by all clauses to detair the receds specified from their lands, for their own sales as well as for the sake of their neighbours. The nain provinces of the Act in so far as they relate to measures for the percention of the spread of Noxone Weeds are a fallows:—

Section 1 (ii). The Department of Agriculture and Technical Instruction may, with the consent of the Council of any Cogarty, make on Order declaring that throughout the county all plants of any species to which this section applies are nextons weed for the purposes of this Part of the Art.

(2). The species of plants to which this section applies are Ragwort, Charlock, Caladoot, Thistle and Dock, and the Order may include all or any of those species.

(3). The consent of the County Council shall be agusted by a resolution possed at a meeting of the Council, and a copy of the resolu-tion under the seal of the Council shall be accepted as sufficient evidence of such consent. (4). The Department may, and at the request of the County Council

shall, revoke or alter any order made under this section. The anhacquent sections of this Part of the Act provide for the service by the Department upon the occupiers of lands on which the specified weeds are tound to be growing of Notices requiring the destruction of the

weeds and prescribe penalties for failure to comply with the requirements of such Notices As will be seen from Section 1 (1) of the Act, the consent of the Council of each county is required before the Department can make an order declaring the above-mentioned weeds to be noxious weeds for the purposes

of the Act, and can take steps for their eradication in the county. of the Ars, and can take steps for their equiversion is use county.

I have to add that it is provided that the work of inspection, tervice of necessary notices, sic., shall be done by officers of the Department, so that the administration of this measure will not impose any additional

that the administration of this measure will not impose any additional charges upon the paids of the country. It have, therefore, to express the hope that your Generity Gonell will I have, therefore, to express the hope that your Generity Gonell will pose a reachinist signifying their connects to the making of an order declaring that throughout the country all the above-mentioned plants are souther week, within the meaning of the Act.

your Counci! in pursuance of Section 1 of the Act.

ion 1 or c...
I am,
Sir,
Your obedient Servant,
T. P. Gill,
Secretary.

The Secretary of each County Council.

Counties.

WEEDS AND AGRICULTURAL SKEDS (IRELAND) ACT, 1909

SCHEDULG of Counties in which Noxious Weeds Orders have been made under the Act, and of the plants which have been specified as noxious weeds in each case.

Weeds Specified.

Ragwort, charlock, caltafoot, thistle, dock Ragwort, thistle, dock Down. Charlock, coltsfoot, thistle, dock, Duhlin, Ragwort, coltafoot, thistle, dock, Fermanagh, Regwort, charlock, coltafoot, thirtle, dock. Kerry, Ditto Regwort, coltsfoot, thistle, dock Ragwort, charlock, coltsfoot, thistle, dock, Londonderry. Thistle, dock. Meath, Ragwort, charlock, coltsfoot, thistle, dock,

Monaghan. Ditto. Ragwort, coltsfoot, thistie, dock Quoen's, Rogwort, charlock, coltafoot, thistle, dock, Tipperary S.R... Westmoxth, ...

Gircular letter to Trade Associations and other bodies connected with the Irish Butter Trade in Great Britain.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRLIAND, UPPER MERRICON STREET, DURLIN, April, 1910.

No. 9029-10.

Departmental Committee on the Irish Butter Industry.

San,-I am desired by the Vice-President to transmit, for the information of the Association, a copy of the recently published Report of the Departmental

Committee on the Irish Bester Industry.

As the Report deels with mattern of the greatest importance to the
butter trade, the Reportment express the loops that it will receive the Irish
ment will be made and the Irish Report
ment will be much obliged if you will be no good as to bring the Report
before a meeting of your Association at an early date, and to draw their
"Fart I.—Tysto Description." The Irish Report
Report III and Irish Report
The III and Irish Report
Th

The Law-Train Interruption. The the day will have be series regarded of your Americans and the set of mainle faces throughout the United of your Americans and the set of mainle faces throughout the United of your Americans and the set of mainle faces. It is suggested that your Americans could at proves a form very gas to the set of the set of the provided of the set of th

which your Association may be good enough to issue.

I am to add that the Department will be interested to learn of any action which your Association may take as a result of this communication.

I am,
Sir,
Your obedient Servant,
The Secretary,

xuo secretas;

(Norn.—A accessint similar occurrencession was assured to Butter Manufacturers and others in Ireland.)

DEPARTMENTAL COMMITTEE ON THE IRISH BUTTER INDUSTRY EXTRACTS FROM THE REPORT OF THE COMMITTEE.

Paragraph 17.

The principal descriptions at present applied to Irish butter are manner which simply indicate the class of premises in which the butter is manufactured. In Irishad butter is manufactured in three kinds of premises, namely, "creameries," "dairies" and "butter factories," and there are thus three classes of butter, "creamery hutter," "dairy hutter" and "factory hutter." We find as the result of our inquiry, that of the large number of designations innopalit to our notice these are that three well established manes under which all Irish butter is classified by the existing custom and usage of the track.

Paragraph 62

2. The term "creamery butter," according to the ension of the trade, means unblended butter made from cream separated by centrifugal force from the commingled milk supplies of a number of consispers, in premises adapted and utilised for the manufacture of butter in commercial quantities.

3. The term "dairy hutter," as undesstood in the trade, means hutter made at the farmer's homostead, whether from whole milk, hand-klimsood cream, or errors extracted from the milk by means of a separator.
4. The term "factory hutter," as understood in the trade, means any hatter bleeded, re-worked, or subjected to any other treatment, but not so

5. Butter made at the farmer's homestead from cream extracted from the milk by means of a separator is properly described as "dairy separator hutter."

6. Steps should be taken to prevent the use for dairy hutter and for

factory further of name which are augmentice of the term "remany."

7. The Department of Agrandstores and Todanical Instruction for Irestand aboutd take special steps by bringing our findings, as set forth in Part I, before all those congogled me in industry, to accurate the co-speciation of the congogled results of the confidence of the confidence of the trade, in stumping out the abuses which have arrives from members of the trade, in stumping out the abuses which have arrives from the opplication of minkedning or a unbigonous names to Irish Interest.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

ANALYSES OF IRISH BUTTER,

As supposed had more than some been cast upon consignments of Iruit hutter and cream, which afterwards proved to have been perfectly genuine, the Department of Agriculture and Technical Instruction for Irvinal ordered an averagedness to be made into the Reinhert-Wolley standard and its application to Iruit batter.

Mark 1998, Ma

During a poind extending from Fabrary, 1900. In Music, 1900, and a standard from Fabrary, 1900, to Music, 1900, and fewering for a supply to the Allert Angelestical Chilege (Glasseries, To angular were taken by the Department's Davig Instruction, and an extensive control of the position of the position of the position of the position of the same place of the control of the position of the control of the position of the positio

Wollny number holow 24, the limit suggested by the Butter Regulatio Committee for pure hutter

The samples giving figures below 24 were all taken during one particular period, November to January, the lowest figure obtained; vis., 20.1, occurring in both December and January.

It is, therefore, evident that no analyse is justified in condemning a sample of butter, Irish or other, as adulterated merely on account of its sample to outcor, treat of vesers as samplers as mercy or account a negativing a low Reichert-Wolley number, particularly as there is no evidence whatever to show that such butter is necessarily of low quality, however whatever to show that title outer is necessarily of now quantity, nowever the term "quality" may be defined.

All the samples of butter for the above investigation were tested for

water. The average percentage for 137 samples was found to be 13.04, the highest being 16.0 and the lowest 9.65.

Circular letter to Proprietors of Cheese Factories in Ireland. DEPARTMENT OF AGRICULTURE AND

TECHNICAL INSTRUCTION FOR ISSLAND, UPTER MERRION STREET, DURLIN, June, 1910. GENTREMEN,-The Department desire to draw the attention of proprietors

No. 11060/10

of those factories in fredand to a practice which is the cause of much detriment to the reputation of Irish choese in the British markets. It would appear that several manufacturers of Chasday choese in Irish choese in the British markets. have adopted the practice of making cheese from a mixture consisting of whole milk and separated milk in varied properties, the proportion of separated milk sometimes amounting to 50 per cent, of the mixture. At the present time with improved methods a considerable development might reasonably be expected in the Irish cheese-making industry. If, however, practices such as that mentioned are followed, the Department are satisfied that the industry will not yield to the makers a sufficient profit to encourage any appreciable development. On the contrary, the lowering of the quality and price of Link chees, which has taken place as a result of the practice referred to, has brought discredit on Irish cheese and has greatly discouraged its manufacture. In the case of cheese, as of other Irish products, the hest and most remmerative markets are only to he secured by establishing a high reputation for the commodity, and by producing is under conditions which will compare favourably rith those obtaining is after countries. The Department, therefore, view with apprehension the introduction of a system of manufacture which is bliefy cheese is made from impoverished or adulterated materials. They feel that the unfavourable reputation which is thus being established for the Iriah product will continue to depress its market value. Under improved methods, the intrinsic merits of Irish cheese as a whole may be made equal or superior to those of obesse made in other countries. The Depart-Ireland, provided that an assurance is given that none hat whole milk

will be used in the process. In regard to the legal aspect of the sale of choose made from impoverished The register to easy any person of the control of t

I am. Gentlemen Your obedient Servant. T. P. GILL, Secretory.

To the Proprietors of Cheese Factories in Ireland.

July, 1910.

Circular to the Proprietors of certain Greameries in Ireland which have been Registered as Butter Factories.

> DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRREAND. UPPER MERRION STREET, DURLAN.

No. 19939:10

GENTLEMEN,-I have to acquaint you as proprietors of the creamery that, from the information supplied to the Department, it would appear that the creamery in question has been registered with the Local Authority in the manner prescribed for premises used for purposes necessitating such registration under the Sale of Food and Drugs Acta. I have, accordingly, to state that, insamuch as, by reason of their utilisation in the manner referred to, the premises coals to comply with the definition of a creamery as set forth in Clause I (a) of the Department's Scheme (No. 15) for excouraging improvement in the management of creameries, the Department cannot retain the creamery in question on the list of those participating in the operations of their Scheme unless they are satisfied that such action as may be necessary will be taken by you to have the afore-mentioned registration duly cancelled.

H may be well to point out that the obligation as to registration under the Sale of Food and Drugs Acts does not extend to premises which are based selley for the manufacture of creamory butter. Registration is, however, required if such premises are also used for one or more of the following purposes:-

1. As a manufactory of margarine or margarine cheese. As a butter factory, that is to say, any premises on which by way
of trade butter is blended, re-worked, or subjected to any other treatment, but not so as to coase to be butter.

3. As premises on which there is manufactured milk-blended butter (that is to say, any mixture produced by mixing or blending butter with milk or cream other than condensed milk or cream), or as premises on which there is carried on the business of a wholesale dealer in milk-blended butter or margaring,

The use of the same premises at the same time for the manufacture of creamery butter, and for the blending or re-working of butter, or the

excusincy butter, and for the blaziling or resewring of butter, or the maintaining of all-blazilida latter, in the ordering resource, agent to order maintaining of all blazilida committees on the Link Beiler Industry, a Beiler of the Departmental Committee on the Link Beiler Industry, a Link Beiler Industry, and the Committee on the Link Beiler Industry, as terminations, to obtain accordation of the registration of the commercy in externations, to obtain a consolitation of the registration of the commercy of the commercial contribution of the registration of the commercial paid to be as informed in order that the consumer may be referred to in the last of those participating in the operations of Schone No. 15. Utdans, the commercial contribution of the commercial contribution of the form the date of this intelocy document regular by recognition form to faith of the commercial contribution of the commercial contribution of the form the date of this intelocy document regular participation of the form the date of this intelocy document regular participation of the form the date of this intelocy document regular participation of the commercial contribution of the contribution of the commercial contribution of the commercial contribution of the contribution of the contribution of the commercial contribution of the commercial contribution of the contribution of the commercial contribution of the c from the date of this letter, the creamery may be removed from the list in question without further notice.

I am, Gentlamen, Your obedient Servant, T. P. Gl T. P. GILL.

To the Proprietors of the Creamers named in the Address

TECHNICAL INSTRUCTION.

PROGRAMME OF EXPERIMENTAL SCIENCE, DRAWING, MANUAL INSTRUCTION, AND DOMESTIC ECONOMY FOR DAY SECONDARY SCHOOLS.

T

EXPLANATORY CIRCULAR TO MANAGERS AND PRINCIPALS

DIPARTMENT OF AGRICULTURE AND TRUMAND,
TRUMNICAL INSTRUCTION FOR HOMAND,
UPPER MERRICO STREET, DUMAN,
May, 1910
Sin, or Maram.

only of manual.

The Regulations for the teaching of Experimental Science, Drawing, Manual Instruction, and Domestic Economy in Day Scoundary Schools, which were in operation during the academic year 190-10, will continue in force, without alteration, during the year 1910-11.

The Syllabures of the occurrence of instruction, as well as the Prefators

Most optimization as well as the second of t

have then, in the following Souton, been permitted to enter the clause following the Souton Vers Hyllambars, and grains have been claimed upon following the Souton Vers Hyllambars, and grains have been claimed upon the south of the south Vers. The Department was of south in the atten appropriate to the Souton Vers. The Department was of south the southern the souther

In regard to the case of punch who way, under Registrian II. 5, the anticology of the first help pulse who we expect a graphing clusters in the dended of the first that pulse who we expect a graphing clusters in the control of the first that pulse who we will be a supersonal pulse. The Department will religible that the pulse the present reads of the pulse of the pul

The efficiency of the instruction will, as hitherto, be tested by importion, as a rule, without notice. During their part of the school session, bowers, nation will be given of a rule of solder part of the school session, that all rists is trill be within the discretion of the breakers of the school and of the classes by proteinel exceedes in the laboratory, or by wice not examination of electron of these methods. It should be character of the constantial of the school of these methods. It should be characted that the rates of pyraman may be corrected by one-that or reduced by one core course tents.

as the Department, on consideration of the Inspector's report, may determine. Reduction by more tenths than one will be exceptional. In cases in which such exceptional resultants is necessary, the Department will find all probability adopt the alternative of giving a reasonable warning, and, unless marked improvements follows, will remove such a school from the list.

of those aided by the system of grants.

The qualifications required of eachers are set out in Circulars 16, 23, 24, and 25. The Department reserve the right to withdraw recognition of a teacher's qualifications should circumstances occur to render such a course desirable.

Summer Courses for Teachers will be continued as heretofore, but it is beped that they will shortly have exhibited the need of qualifying teachers, and will develop into "Peec Greduate" Courses on special subjects for those already qualified.

The details of the arrangements by which schools and pugils may obtain

the dutalls of the arrangements by which schools and pupils may obtain recognition under the regulations of the Intermediate Education Board for producionsy in Experimental Science, Drawing, and Domestic Economy, so well as the conditions required for a Pass in these subjects, are published in the Rules of that Boayd.

REGULATIONS FOR THE ADMINISTRATION AND DISTRIBUTION OF GRAN'S FOR EXPERIMENTAL SCIENCE, DRAWING, MANUAL INSTRUCTION, AND DOMESTIC ECONOMY IN DAY SECONDARY SCHOOLS IN TRILAND.

I. SURRECTS.

 Expunsional Science shall mean such a system of instruction in Physical and Natural Science as will involve the greater part of the work being done by the pupil themselves in an approved laboratory.
 Drawnise shall mean a system of instruction in Freeband, Object, Model and Geometrical Density and Modelline

2. Discussed small most a system of pinethesism as greening, and the state of the first properties of the state of the sta

II. GRANTS.

Grants in respect of courses of instruction in Experimental Science, Drawing, Manual Instruction, and Demestic Economy, may be made, in accordance with the following regulations, to Day Secondary Schools in which sufficient provision is made for instruction in the other main branches of a general education:—

1. Grants shall be payable in respect of steendances made by those students only who are twelve years of age on ne before the Mis day of May in the calendar year in which the course is entered upon, and who have completed an education which would estill them to be pheced in the case of the course of the co

branches of a general education.

Groats shall be payable in respect of attendances made by the pupils of those schools only which have been approved by the Department.

 Grants on the average attendance of duly qualified pupils will be made for each bour of instruction per week throughout the school year, according to the following scale:

Experimental Scheme.—10s. for the first year of the course; 12s. 6d. for the second year of the course; 15s. for the third year of the course; and 20s. for the fourth year of the course.

Demostr: Economy (as a Special Course).—8s, for the third or fourth years of the course.

Dawwise.—5s, for the first year of the course; 6s, for the second year

MANUAL INSTRUCTION AND DOMESTIC ECONOMY (Auxiliary Courses).—

MANUAL INSTRUCTION AND DOMESTIC ECONOMY (Austriory Courses).—
ts. for the first year of the course; 7s. for the second year of the
course; 8s. for the third or fourth years of the course.

4. The numbers on which course for each subject on the published.

4. The numbers on which grants for each subject are to be calculated, at the foregoing rates, shall be determined by adding together the total number of boars of attendance made by all the pupils in that onliget (at the approved timestable hours), and dividing by forty, the normal school pure being regarded as of forty weeks.

5. The availables of instruction, "first year" and "second year" of the Preliminary, and "third year" and "fourth year" of the Special Course, coursepond with the "first year," second year," etc.,

nates of payments.

G. Grants will.

First or

pupil for not more than two years in the Syllsban of the First or

Second Year of the Prelimmany Course, or of the Third Part of any

Special Course, and for not more than one year in the Syllabus of the

Fourth Year of any Special Course. Payments will not be made in

respect of any one pupil for more than five years in all. It is not

odightarly that the chians about the rander in connective academic

years.

6. Grants will be payable in respect of the attendances of any one the Department's Inspectors as unfit to attend the Courses in which

III. CONDUCTIONS OF GRANTS.

1. The courses of instruction should begin in August or September of any year and must be continuous throughout the abelia year. The hours per week derevel to the course must be fairly distributed throughout the week. In exceptional circumstances, where previous applications has been made, the Department may manction another yellowly annother of the properties of the

 Claims for attendance grains may be preferred on behalf of those students only who have punctually and regularly attended instruction in all the obligatory subjects of the Preliminary, or of a Special,

 Claims for attendance grants may be preferred on behalf of those students only who have been registered as in attendance at instruction in such of the prescribed ambiects on or before the 1st day of November in any academic year.

4. Grants will not be payable in respect of the attendances of pupils of any school which, after working for one academic year in accordance with the Department's regulations, has not the two years' Proluminary Course in operation.

6. Grants will set be payable in respect of attendances at Manual Instruction or Densectin Economy (Auxiliary Courses) in any year, except in the case of pupils who have attended instructions in the Preliminary Course of Experimental Science and Drawing or in one of the subjects of a Special Course, in that year, in accordance with the Regulations.

6. Grants will not be payable in respect of the attendances of a pupil at instruction in a subject of the fourth year, which was not the subject in respect of which a claim was made on behalf of the same

pupil in the third year; except in the case of Goology.

7. Grants will be made only upon a satisfactory report by an Inspector of the Department. The Inspector will satisfy himself not only that the attendences on which the chaim is hased have actually been made, but also that the instruction is of a class superior to that given

in Elementary Schools

8. The grant to be made in respect of any subject of any year in accordance with the foregoing regulations, may, in exceptional cases, be increased by one-teath when the Inspector of the Department is of opinion that the work is of completons merit. It may also be reduced by one or more tenths for defects of equipment, or of organization, or of instruction, or for any other cause which may tend to bessen the officiency of the work done.

IV. REGISTRATION

Attendance registers will be supplied by the Department upon receipt of the form of application for recognition of the classes (Form S. 44); attendances not registered in the manner indicated on the official registers, or registered before the receipt of Form S. 44, will be dis-regarded. A class may not be said to have begun until attendances are to registered.

V. Courses of Instruction.

1. The Courses of Instruction include :---

(a.) A PRELEMINARY (Two YEAR) COURSE, which is obligatory of all pupils and on all echools claiming grants under these regulations, and

(b.) SPECIAL COURSES, which are optional.

2. The Preliminary (two teas) Course may vary according to the character of the school; but it shall include Experimental Science and Drawing; and not less than three hours per week shall be devoted to Experimental Science, and not less than one hour per week to Drawing. In schools claiming grants for more than six hours' instruction in the Preliminary Course in any week, Manual Instruction or Domestic

Bosnomy must form part of the Preliminary Course; and, in such cases, at least one and a shalf hours' instruction per week must be devoted to one of those subjects." In Schools also which do not provide instruction in one of the Special Courses, or whose Special Course has not been recognised by the Department for attendance grants, Manual Instruction or Domestic Economy,

with Experimental Science and Drawing, shall constitute the Pre-liminary Course; and in order that the Preliminary Course in such

achools may be recognised, the time-table must show that at least six hours' matruction per week is devoted to those three subjects. 3. A SPECIAL Course must include one, but may not include more than three, of the undermentioned subjects, to which Manual Insurac-

tion or Domestic Economy (unless taken as a Special Counc) may be added. Managers will be allowed much latitude in selecting the subject or subjects must suitable to their own schools

Managers desiring to have the special courses of their schools recogaised will be required to show that a fair proportion of the pupils who have worked through the Prohminary Course are prepared to attend the Special Course; that not less than three hours per week are to be devoted to each subject of the Special Course; and that at least onethird of the time m to be assigned to theoretical instruction.

* Attendances at Special Impections may be classed on, in addition to the hours

Not more than six hours per week may be considered when computing the total number of hours of attendance at a subject included in a Special Course."

special course:

4. The subjects of the Preliminary and Special Courses shall be followed in the order prescribed in the Department's gublished dyllabeses, and pupils say not be admitted to any course, who have not worked satisfactorily through the preceding, or equivalent courses.

5. The subjects of the Special Courses are:—

(1.) Physics: Third Year—General Physics, Heat, and (optional) Electricity and Magnetism; fourth year—(a) Wave Motion, Sound, and Light and Radiant Heat, or (b) Electricity and Magnetism. (Either or both fourth year syllabuses may be

taken).
(2.) Chemistry: Third year—Inorganic Chemistry; fourth year—Inorganic Chemistry, with some Riementary Organic Chemistry.

(3.) Mechanical Science Third year syllabus; fourth year syllabus.

(4.) Natural Science :-

(a.) Botany: Third year syllabus; fourth year syllabus.
 (b.) Physiology and Hygiene: Third year syllabus; fourth year syllabus;

(c.) Goology: A fourth year subject. Each of those divisions of Natural Science will count as one subject in the manner indicated.

(5.) Domestic Economy (Special Course): Third year syllabus; fourth year syllabus.
(6.) Drawing: Third year syllabus; fourth year syllabus.

VI. Laboratories.

No grant will be made for instruction unless due provision is made for experimental work in Science, on the part of the pupils, in property equipped and approved laboratories.

VII. DUBATION OF LESSONS.

 Practical instruction in Science, Manual Instruction and Bouncies Remoney, must be given in lessons of at least eighty minuter districts.
 Lessons of less than forty minuted derivation will not considered in computing the "total number of bourn of structures."
 The minimum time per week recognized for grants on behalf of attendance at Manual Instruction or Domestic Economy is one and

attendance at Manual Instruction or Demestic Economy is one and a-half bour.

4. The time-table of the school must be so arranged as to leave sufficient time to the teacher for preparation of laboratory work.

TITL Come on Co. com

1. Not more than forty pupils shall be taken at a time by one teacher for Theoretical Instruction, me more than twenty for Practical Instruction in any subject, takes the morber for Practical Instruction may be increased to thirty. Instruction in Drawing may, for this purpose, be regarded as thoseworth instruction.

2. Where classes for practical instructions are small, concerned instruction in two subjects may be exceptionally abstract, but the approval of the Department made the obtained in each case.

8. Concurrent instruction in the first, and second year splishenses of the Preliminary Course in Drawing will be allowed under ones tenther where the number of pupils under instruction does not exceed lighty.

Attendance at Special Inspection may be claimed on, in addition to the hours set spart in the natural time-table.

IX. GENERAL CONDITIONS.

1. The qualifications of the teachers and assistant teachers, and the time-table of the school must be approved by the Department.

2. It shall be a condition of grants being made, that, except in the case of teachers who give their services gratuitously, a fixed salary shall be paid to the teachers of the classes, either in respect of these classes or of their work in the school as a whole; that a reasonable sum of money shall be provided for the up-keep of the premises; and that the grants obtained shall be paid into the school account and be

sand for improving the efficiency of the school.

3. That portion of the income of a school which is derived from grants in accordance with these regulations must be applied to such purposes as shall be approved by the Department. If at any time it appears that the application of the income is unsatisfactory, the assistance of the Department may be withdrawn. An account of the receipts and expenditure of each school in respect of these grants must be furnished to the Department annually, on a form to be had from the

4. The Department reserve the right to withhold grants under these regulations from any school conducted for private profit in which the fees are, in the Department's opinion, excessive, or which is situated in a locality already sufficiently supplied with public institutions. The decision of the Department in all questions arising in connection with the payment of grants under this programme must be first.

PROGRAMME FOR TECHNICAL SCHOOLS AND SCIENCE AND ART SCHOOLS AND CLASSES.

EXPLANATORY CIRCULAR.

DEPARTMENT OF AGRICULTURE AND TRUBUICAL INSTRUCTION FOR IRELAND Uspen Merrion-Street, Dunian. August, 1910.

The Regulations for Technical Schools and Science and Art Schools and Classes, which were in operation during the Session 1900-10, will continue in force, with one alteration only, during the Session 1910-11. Regulation

in force, with case alteration only, during the Senson 1910.11. Regulation S. 21 page 9 of the Programm has been extended in each ro permit of S. 21 page 10 of the Programm has been extended in each ro permit of the programm has been extended in each ro permit of the programm of the pr which would be of advantage to them in their work. Grants in such cause will not be paid, in any one year, for more than three subjects in respect of any one teacher, and the payment for any subject will be at the rat appropriate to the year of splints followed.

Attention is directed to the terms of Section II., 0, under which it will be accessary for the Managers of Schrobs to subsuit, by the 50th September.

full particulars of the courses of instruction which must be designed in consideration of local industrial conditions. The main subjects of each course should be indicated.

In order to facilitate the work of inspection, and the checking of the particulars as to previous training, etc., necessary in the cases of all students in respect of whom it is proposed to claim grants, the Department will require, by the 6th December in each year, a complete list of such

students showing the courses of study followed by each and their qualifications for admission to the courses. A form for this purpose will be issued

in Accountage there found that the conditions in regard to the keeping of admission registers have not been generally compiled with, and they desire it to be understood that Managers of Schools are expected to keep systematic record of all students. A draft of an extract form designed to meet the requirements of Section VII., 62, has been printed as Appendix C.

PREFATORY NOTE.

The following Exgulations are designed to provide supplementary and towards the intertwine agrees in Hemilical Schools and Classes. They also apply to certain insulicitions, enher than Day Secondary Schools, which, prior to the issue of these Regulations, had reserved all sadar the conditions of the Science and Art Directory of the Board of Education. The grants appualls made these Regulations are from nonice voted annually for years, were completely revised to as to bring them into second with the conditions and models of Ireland.

as was recognized that the funds for Technical Instruction derived from the free and from the Department's Radeoverse two eminequates to much the demands types them to Papartment's Radeoverse two eminequates to much the demands types them to present to write its decrease of Technical Schools. For great therewise abscess of Technical of that Endowment. The grantes under those Regulations vary in second-ance with the amount and value of the obsorbing lovely done, The Regulations are intended to societying the efficient organization of courses the subjects of the Programmen.

The Moral and Chem working under the Preparamen era maked profiled and the Chem working under the Preparamen era control and the Chem a

means of writing and drawing; he should be able to make such elementary calculations as are required in all industries, and he should know something at least, and that something really and practically, of the fundamental principles of Science underlying all industrial work. Without this meetal principles of Science underlying all indexirial work. Without this preparation a student cannot hope to profit by a specificacy occurs. He will be continually handicupped and dishwartened by the difficulties, and will see the related other members of the class who may be better prepared. When these conditions are not satisfied the young student should be given an opportunity to comply with them, and to thus end should enter the

contain standard of Elementary Education is obviously pecessary for such a Preparatory Course as that set out in the Regulations. It will be necessary that schools should carefully refrain from registering, in the The Programme is not intended for any who have not attained this standard and if they were allowed to enter upon the course, the had effects would appear in the work of the specialised courses. The work of the Preparatory Course is intended to provide the necessary preliminary instructions for those not already qualified, and suggested Syllabuses of English and Mathematics suitable to the Course are contained in Appendix B.

A second difficulty is the shortness of time available for instruction in Evening Classes. For students engaged in arduous work during the day the amount of time devoted to evening technical school work must be severely limited. Speaking generally, not more than two evening attendances a week can be expected, for homowork is essential if full advantage is to be derived from the work in class. The hours of school study thus himited become precious, and the organisation of the School and the efforts of the teachers should be carneally directed to the most thorough utilization of these hours, and to this end every lesson should be carefully prepared. It will, moreover, be obvious that, under such circumstances, regulars attendance becomes a matter of the highest importance. The Degrammat mark their sense of the importance of this by the "Incoment Grant," under which largely increased grants are paid for continued attendance over tweaty hours up to a limit of 120 hours.

Students who have satisfactorily passed through the Preparatory Course. which may sociupy one, or, at meet, two years, or who have in some other manner reached a satisfactory standard of education, may be registered for attendance in a course of instruction designed to extend over three or four years. A wide freedom is allowed under the Programme in ceder to permit schools to frame courses in accordance with the needs of the locality and its industries. It thus becomes necessary on the part of Committees of Schools and their Principals to make themselves familiar with the local industrial conditions and needs, and to frame courses of instruction in accordance with those conditions. It seems necessary to remark that such may be obtained. The Department may refuse where this has not been done to make any payments in remost of such courses

It is mecessary to point out that it is not enough, in drafting a course of instruction in any branch of technical knowledge, to indicate a number subjects, some of which may be taken at the option of the student, What is wanted is that a course of work should be designed and Syllabuses abould be framed by the teacher to meet the meets of those for whom the course is intended. This may, and no doubt will, somewhat restrict the number of those who can be claimed upon as following the course, but it be carefully drawn up no course need consist of more than two or three subjects, and optional subjects would become the exception rather than the rule. Instead of offering a number of Subjects a school should offer a number of Courses, and no student should be allowed to omit subjects of fundamental importance. Where, however, a student on entering a school above a competent knowledge of the earlier stages of a Course of Study he may be allowed to join the Second or Taird Vear Course. The Department will expect that Courses submitted for approval shall

be accompanied by Syllabuses drawn up with a view to local needs.

They will sceept, when these are appropriate, the Nythsians of the Board of Edwards, the City and Onlink of Immon Immittee, the Reyal Society of Arts, etc., but such subject in each year of a corrac of instrution of the Company of the Company of the Company of the Arts, etc., but and subject the early the accountry expense of the correct for Spillettes in each subject should be so drawn up as to enable them to be correct in each subject should be so drawn up as to enable them to be correct in each subject them to be considered to the subject to the construction of the Company of the

approved by the Department.

It will be obvious that the greatest importance attackes to the drawing up and organization of these courses of instruction. In the first place it may be remarked that schools will be well advised to severely restrict the

number of courses attempted.

While there are, no desire, cause in which an exception may which be made, as a general relativishes about my lather course adaptated for the mode, as a general relativishes about my lather course adaptated for the efficiency of the work of a school, and that in true will in a large control and the manner in which the school is equalised to the efficiency of the work of a school, and that in true will in a large control and the school of the school and that the control of the school of the school and ministration of control and spatial control in the school will obtain an emission of the school of

It will be observed that encouragement is uflexied by the scheme for efforts to secure regular attendance, and attendance for everal unconsist years. The increased grants for instruction is necessive years also allowed collitate in the melplymant of more highly trained incaterior than would otherwise be possible, and the Department will expect that for such advanced instruction scalesters of althy and experience will be employed, advanced instruction scalesters of althy and experience will be employed, assume tracking the scale of the pericular industry to which the course togolics.

щ.

REGULATIONS FOR GRANTS.

I.—Conditions under which Schools and Classes may be recognized for Grants.

 The school or class must be under the superintendence of a County, County Beough, or Urban Technical Instruction Committee, or other responsible bedy of massagers, recognised by the Department, to when the grants will be paid.
 Grants under these regulations will only be made in respect of schools

or classes in Counties, County Beronghs or Urban Districts in which a rate for technical instruction is raised,
3. The premises in which classes are conducted, the accommodation and

equipment, and the programme of instruction, must be approved by the Department.

4. The qualifications of teachers and assistant teachers and the timetable must be approved by the Department.

table must be approved by the Department,
for The managers of a school or class must make accurate returns of such
particulars as are required by the Department and within the specified
times.

6. The Department may from time to time require from Committees of

Todanical Instruction a report as to the provision made within their dis-

of this programme, regard being had to the industries of the district, and the occupation of the inhabitants, and may, upon consideration of this report, recognise or refuse to recognise any further classes which may be

proposed.

7. The schools and classes shall be at all times open to the Department's real from time by bins, with with or without notice, and the control of the locality; the absoluty of the institution, and its multihality to the needs of the locality; the absoluty of the institution said for the control of the control

II.—Technical Schools and Classe

8. The authorities of such asheel working under this section must provide a series of suggested course of instruction, which have grown cost of a study of local industrial conditions. These courses of instruction should be made up of allied subjects, should be designed in extend over these or four years, and should be progressive in character. In the case of small choices, knowners, two year courses may be accepted.

9. The courses proposed by the authorities of each school must be submitted to the Department by the S0th September. These proposals will require the written approval of the Department. A draft of a convenient form in which to draw up the courses is set out in Appendix E.

term in which to draw up the courses is set out in Appendix E.

10. In schools admitting students who possess only the minimum requirements for admission to a Technical School, a Preparatory Course should be provided.

 The instruction should be given in evening classes, but where the Department consider that local circumstances justify the establishment of day classes, such classes may be formed.
 I2. An evening class is one in which instructions begins at or after

6 p.m. throughout the week, or at or after I p.m. on Sutardays. 13. A day class is one in which instruction begins before 6 p.m. throughout the week, or hefore 1 p.m. on Saturdays.

(L)—PREPARATORY COURSE.

14. Chassa conducted under this section should be of such a preparatory nature as will fit students to take up a specialised course of technical instruction.
15. The subjects of instruction in respect of which payments are made under this division are:—

(a) English.(b) Mathematics.

(c) One or more of the following:-

Experimental Science, Drawing, Manual Work in Wood or Metal,

16. Students on whom grants are claimed must have received such as detection as would entitle them to be placed in the sixth claims of a school under the Nottonal Board.
17. All students under instruction in the Preparatory Course must stitud instruction in each of the Sections (a), (b) and (c) of I a bove.
18. The students is called the Sections (a), (b) and (c) of I a bove.
19. The preparatory of the Sections (b), (b) and (c) of I a bove.

(IL) SPECIALISED COURSES.

19. A specialised course of instruction for any student on whom payment may be claimed shall consist of a scheme of study in two or more subjects of a course approved by the Department, and extending over three or more years.

In the first year of specialisation students must take up at least two and not more than three subjects, and in subsequent years not more than three subjects.

The Department will require, as a rule, that one main subject will be continued throughout each student's course of study. The instruction received in this main subject, as well as in other subjects approved as part

of the course, will be eligible for grants at the rates appropriate to the year of specialisation of the student. In courses for women, where a student adopts a course of study in which the main subject is a subject other than in Domestic Science, and which complies with the minimum requirements as to the number of subjects to be taken, the Department will allow grants in respect of intruction in Demestic Science, provided that not more than three subjects in all are

Dominion consens, provinced these than the subjects which may be included in 30. For the purposes of grants the subjects which may be included in specialized courses of study, and on which payment may be made, are grouped as follows, but courses of study may be taken from different groups.

Group A .- Commercial Subjects (Section A.)

Group B.—(1) Commercial Subjects (Settlem B.)
(2) Languages.
(3) Mathematics.

Group C .- Science (Pure and Applied). Group D .-- (1) Handieraft.

(%) Domestic Science Group R .- Art Subjects.

Group A .- Commercial Subjects (Section A.).

Commercial subjects which involve mostly mechanical operations, such as storthand, book-leeping, copying, indexing, filing, correspondence, typewriting, and the mechanical operations concerned with postage, telegraphy and hanking.

Group B .- (1) Commercial Subjects (Section B.).

This group includes the study of subjects which require wider general Into group inclusion and an another sum of the property and the second s teacher of them demands a higher salary and is worthy of it.

(2) Languages.

The teaching of languages in the evening is partly a subject of general culture; is required partly for commercial correspondence; and partly for those who have to deal with the mechanical operations of seeing books and other literature through the press. The group, subject to the general conditions of grouping, may include Irish, French, German, Spannish, Italian, or any other language (including history and literature) which a committee can show to be required by the circumstances of a locality.

(3) Mathematics.

Mathematical subjects, including the treatment of the subject in a practical way, such treatment, for example, as is usually given under the subject of measuration or of practical plane and solid geometry.

Group C .- Science (Pure and Applied).

Under pure science will be included such subjects as mechanics, physics, chemistry, biology, botany, scology, physiology. Under applied science would be included naval architecture, navigation, natical astronomy,

building construction, machine construction, and other subjects involving systematic instruction in the underlying scientific principles, and which would be classified under such beadings as:—

- (I) Building industries (2) Metal industries.
- (4) Printing and process industries.

- (8) Carriage Building industries.
 (9) Electrical industries (10) Chemical industries (11) Agricultural industries

At least half the instruction is subjects included in this group should he practical, and must be given under approved conditions of accommodation and equipment. The practical work must be so arranged as to be illustrative of the principles taught, and should not be directed to developing dexterny in the practice of trade processes.

Group D .- Handieraft and Domestic Science,

Handicraft—mannal instruction in word and metal, wood-carving.
 Household subjects, including cookery and hygtene, housewifery, handry-work, dresumaking, millinery, needlework.

Group E .- Art Subjects.

Drawing (free and mechanical), deelgn, painting, architecture, model-ling and applied art, such as black and whate illustration, goldsmitter, allycramiths, and jewellers work, stained glass work, mosaic, ensuedling, and any other subject of applied art which a committee can show to be required by the circumstances of their locality.

The first year of a student's course in Art must include instruction in both free and mechanical drawing 21. The total attendances of any student at any approved course of

study must be fairly distributed over the subjects of the course. 22. Students registered in this section must-(e) have satisfactorily followed the Preparatory Comse, or

(b) have passed in the Junior Grade Examination of the Intermediate Education Board, or (c) be certified by the Principal or responsible teacher to have

reached an equivalent satisfactory standard of education 23. In the case of students registered under 22 (c) the following parts-

calling must be submitted in writing to the Department's Inspector for his approval .-(i.) any examinations pessed which are regurded as equivalent

to (b), or (ii.) the marks obtained at cuttance examinations hold in the Technical School. (The worked papers should be retained on the acheel premises); or,

(iii.) any special reasons for admitting students to specialised courses,

(DL)-GRANTS. (a) EVENING CLASSES.

24. Grants will be made most the total number of hours of attendance of fully qualified pupils, at the following rates :-

Rates per Attendance-Lour.

Preparatory Course, 2d.

Specialised Courses-

Year of Course.	Group A. Concercial Subjects, (Section A.)	Group B. O Connected Subsects (Sectors S.), O Laserners, (6) Matter matter,	Group D. Handscraft and Domestic Science,	Group C, Stience (Pure sort Applies).	Greup E. Art Subjects.
	d	d.	d.	d.	d.
First Year .	2	4	4	6	4
Second Year .	3	6	5	9	
Third Year .	4	9	6	12	9
Fourth and subsequent years.	5	15	6	91	12

25. The rates of grants payable in respect of each group may, in any 20. The rease or grants because in respect we earn group may, as any school, upon account of complessous merit, be increased by one-tenth, or upon grounds of inefficiency, be decreased by one or more tenths, as the Department, in consideration of their Inspector's report, may determine 28. An increment for continued attendance at instruction in the case of individual students will be paid on the total attendance-hours at all subjects of an approved course, in the preparatory or in the specialised

> Rate of Increment for Continued Attendance. For each hour from 21 to 40 hours, 1d. per hour. 41 to 80 61 to 90 3d. 81 to 100

101 to 120 ,, No increment will be paid on attendance-hours exceeding 120.

(b) DAY CLASSES.

27. Grants to Day Classes will be made at balf the above rates, and no increment on account of instruction given in these classes will be payable. Not more than 400 hours attendance in all in any one session may be claimed upon in respect of any student attending a day class.

(EV.)-REGULATIONS FOR PAYMENT OF GRANTS

28. A year's work will involve at least forty bours' instruction in the subject matter of any course of study, and students who have not satusfied this requirement in any year may not be regutered for attendance grants in the next succeeding year in a higher course. 29. Students will be eligible for grants in the same Syllabon in a subject for not more than two School Sessions. Grants will not, however, he paid in respect of a second year's attendance in the same Syllabon should

the student's attendance be claimed on generally at the rates appropriate to a higher year of specialisation. 3). Students will be cligible for grants for not more than two School Sessions at the rates for the preparatory course, or for any one year of

specialisation.

31. The attendance of teachers at day classes may be paid upon at

evening rates.

32. Where special classes or outress are established at a Technical School or Central Institution (solher than a Training College) for the instruction of teachers of Primary or Secondary School on in the subjects of this grants may be paid at the rate prescribed for the third year, of specialists thou under Section II, 38, of this programms.

non under section 11, 28, of this programmic.

33. Payments may be made in respect of any teacher for any subject for not move than three years, and 47 he at the same rate for each year, property of the same type of the property of the same type of the property of the proper

35. No increment grants will be payable under this Section.
36. The Instructors must be recognised by the Department as qualified for this second work.

37. Proposals for the conduct of classes under this Section must be specially submitted for approval, and should include particulars as to the number and status of the teachers for whom the class or course is organized, the proposed sylladus of instruction, and the special qualification of the

38. Classes working under this Section will be required to submit to such examination as the Department may decide.
39. Grants will not be paid in respect of the attendance at these clauses of students other than teachers actually engaged in Primary and Secondary Schools.

IV.—Day Schools for Appropriates and Others engaged in

40. Day technical or commercial schools or classes, which are conducted by properly constituted managese, either in conjunction with works, business houses, or technical schools, with a view to improving the conditions of local inclustries and commerce, and to the further training of submanagers, foremen, inclosions or apprentices, may be admitted for grants under this solution.

41. Such schools or classes must be open on one or more days of the week, not lates than aix o'clock in the evening, or than 1 p.m. on Saturdays.

42. Grants not exceeding three-fourths of the certified annual expenditure for the conduct of such schools or classes may be made by the Department in respect of students for whom an employer's outfificate can be produced, slowing that the students have been expended during the assessment of the production of the

to be accompanied by vouchers.

44. The decision of the Department as to what constitutes a legitimate

charge against annual expenditures shall be famil.

5. The accommodation provided, the courses of instruction, the syllabures of the subjects much, the qualifications of the teachers, the timetable of instruction and the estimate of expenditure, must be approved by the Department.

6. The practical work asset he so arranged as to be filtestrative of the

principles taught, and should not be directed to developing destretly in the practice of trade processes.

47. Grants will not be used under Section II. of these Regulations in

respect of students attending closus conducted under this section.

48. The amount of grants payable in respect of any school may upon account of completions merit, be increased by ence-tentle, or, upon grounds of inefficiency, be decreased by one or more tentles, as the Department, in consideration of their Insercetar's report, may debrained.

V .- Schools of Art

49. Sebools of Art, which provide for students, the majority of whom are industrial, courses extending continuously over two or three years, are thousaviou, courses extending continuously over two or cores years, according to a scheme approved by the Department, may be paid grants not exceeding three-fourths of the actual nannal expenditure incurred in the conduct of such courses.

50. The expenditure must be set forth in properly audited accounts, to be accompanied by rouchers. An estimate of the expenditure must be submitted for the approval of the Department before the commencement

51. The decision of the Department as to what constitutes a legitamate

51. The decision of the Department as to what constructs a legitumine charge against animal expenditure shall be final. 95. No grants will be payable to Schools of Art adopting this sections of the regulations, under the method of payment set out in Section III.
6 the regulations, under the method of payment to out in Section III.
in the payable of the regulation of the payable of the regulation of the payable of the regulation of the payable of the and the number of students in attendance do not justify the expenditure involved. 54. For the purposes of this section a School of Art must antisfy the following conditions:---

(a) The rooms and equipment must be approved by the Department and must be wholly devoted to elementary and advanced

(b) Provision must be made for drawing from life and modelling,

(c) The Principal Teacher must hold an art master's certificate or an equivalent qualification.

(d) Assistant teachers must possess qualifications recognised by the Department (vide Appendix A.). (c) Both day and night classes must be ladd. The night class must

meet under the instruction of the Principal Teacher for two hours for at least three mights per week during forty weeks of the year, and the day class for the same period for at least three hours per day on two days of the week, 55. The amounts of grants payable in respect of any school, may, upon

account of compactous merit, he intrensed by one-tenth, or, upon grounds consideration of their Inspector's report, may determine.

VI .- Training Colleges.

 Grants may be made for the instruction of atudents in training colleges in mathematics, experimental science, and drawing. 57. The rates per attendance-hour at which grants will be paid are as

•	First Year.	Second Year
	d.	d.
Mathematics,	9	3

68. No increments will be payable on such attendances. 50. Not more than 400 hours in all, nor more than 200 in any one of these subjects, may be allowed for purposes of grants in the case of any one student.

60. Grants in respect of any student may be claimed once only in the

61. The rates per attendance-hour may, upon account of exceptional merit, be increased by one-tenth, or, upon grounds of inefficiency, be decreased by one or more tenths, as the Department, on consideration of their Impreha"s rancet, may determine.

their Inspector's report, may determine.

62. Syllabrase of the courses of instruction must be submitted at the haginning of the session for the Department's approval.

VII.-General Regulations.

(Applicable to all Schools and Classes conducted under this Programme).

(8). Each school or class working under these regulations will be required to keep an admission register which shall show for each student:—

(1) (1) [1] name and date of birth.

(2) business, trade, or occupation,

(3) School or college at which the student received his general education, and standard of education attained, with parficulars of highest examinations passed.

(4) qualifications to enter a technical school, or class,
(5) classes attended each session in the school.

Nam.—Suitably drafted admission forms may be used to fulfil the Department's requirements for an admission register. In larger colools it will be found wore comment to adopt the correlated system, the particulars required being transferred from the students'

64. The registration of students must be conducted in accordance with the regulations set out on the official registers. Attendance registers will be supplied by the Department upon receipt of the form of application for recognition of the classes; attendances not

the form of apparents of recognition of the casses; attendances nor registered in the manner indicated on the official registers for the session will be disregarded. A class may not be said to have begun until attendances are as registered.

of The latest date for registration of classes on account of which grants are to be claimed shall in any session be December 1st.

66. Each student must be registered as in attendance at instruction in his course on or before the 1st December in any session.

67. Lessons must be of one, one and-a-latif, swo, or two-and-a-half hours'

location. Innovatory or worshop practice must be given in presence on the set than one-and-a-half bours' durnices.

68. Not more thus forty students may be taken at a time by one teacher for theoretical institution, nor more than irresty for practical institution in any subject, unless an assistant, recognized by the Department, is provided, in which case the number may be increased to thrity. The scale

wided, in which case the number may be increased to thirty. The aportal circumstances of large instituteons will be exceptionally considered by the Department on written application.

69. Each class un any subject must receive at least sweaty hours' instruction in the session.

instruction in the session.

70. No grant will be paid for the attendances of any student in a subject in which be has made less than ten hours' attendance.

71. No grant will be paid on accessin of any attendance lost, or ou account or any period during which the shooled is chosed for epidemic illness, but where the Department are satisfied that any failure to comply with these regulations has been due to epidemic filtness or other unavoidable cours, they may relax the regulations as far as may be necessary to meet the case.

72. If any of the conditions on which the grant is awarded are not distilled, the Department any withhold the grant, or, if they think \$4, may pay the grant with or without adouttons, variang the managers of the conditions of the condits of the conditions of the conditions of the conditions of the c

74. No grants may be claimed under these regulations on account of any scholar on the reli of a school (day or evening) under the Board of National Education.

VIII.-QUALIFICATIONS OF TEACHERS,

75. Is and proposed, in future, to demand the same high qualifications from teachers in small schools as from teachers in the larger feedings institutes, especially in the country brought, are to approve of the larger institutions employing teachers who might fee consonic or other reasons have to be accepted as teachers in small achools. Each application will be dealt with on its mortite, bearing in simil the peptral circumstances of each of the contribution of the contribution will be dealth with the contribution of the contribution with the acceptance of the contribution within will be accepted for processing and the contribution with the contribution and contribution within will be accepted for processing and the contribution within will be accepted for processing and the contribution within the contribution and contribution within the contribution of the contribution within with the contribution of the con

To. The final appearance of a tender should not be made until has 70. The final appearance of a tender should not be made until has 77. A register is kept by the Department names of tenders who, after provisional recognition by the Department are subject, have saught a class in that subject to the satisfaction of the Department for at least one research.

IX.—(a) LOCAL SCIENCE AND ART SCHOLARSHIPS.

78. Where County Committees of Technical Instruction have established a system of Subdarships for boys as part of the approved sobsence of technic instructions of the County, the Department may make a great in sid of the Scholarship found met exceeding half the value of the Scholarships awarded. The greats will not in the case of any county exceed 420 in any one way.

(b) LOCAL EXHIBITIONS.

19. Were Federical Interests Committee consists, in convenient of the National Societies of Contras Districts, for tradeals of the National Societies, for tradeals of the National Societies, for tradeals of the National Societies, and the National Societies, and the National Societies of the National Societies of Art. or other proposed Technology, the Contrast, and Art and the National Societies of the National Societies of Art. or other proposed Technology, the Districts, and the National Societies of the

W. In the use of enthlytomes of the desiration of the long of the long of Science for Flanch, Dulla, or the Merspellus School of Art, Deldin, Green of Flanch, and Carlo and

 Successful candidates must devote their whole time during the period for which the Exhibition is granted to the advancement of their studies. Committees proposing to establish Exhibitions must submit, for the Department's approval, a scheme for the award of Exhibitions. 82. The Department may refuse to aid any Exhibition if there is not a sufficient number of competitors, or if the selected candidate does not, in their opinion, show sufficient morit to pushfy the award of an Exhibition.

X.—CERTIFICATE OF SATISFACTORY COMPLETION OF COURSE.

83. It is proposed that a certificate should be issued to any student who follows out a sufficiently satisfactory course, extending over at least two years of spenilisation, and an Honours certificate to any student who follows an approved course extending over at least four years of specialisation. The certificate forms will be propared and filled in leasily, and signed by the chairman of Committee and Principal of the school. The Department will afterwards stamp them to give them authoritative recognition. The names of the subjects of the course in each year, the number of hours' instructed, and the number of years' attendance should be inscribed on the back of the certificate.

84. The Department may, as necessity arms, modify or add to this Programme; but no important changes will be made without due notice. Sb. The decision of the Department in all questions arising in connection with the payment of grants under this Programme must he regarded as

APPENDIX A.

QUALIFICATIONS OF TEACHERS.

A register has been formed, containing the names of teachers who, after provisional recognition by the Department in any subject, have taught a class in that subject, to the actisfaction of the Department, for at least Provisional recognition will, as a rule, be accorded in respect of the

following qualifications :-1. The Degree of any University, or the Diploma of an approved Day Technical University College, in respect of subjects taken at the final examination for the Degree or Diploma.

2. Full Technological Certificates in the First Class of the Honours Grade of the City and Guids of Louden Institute. 3. The Irish Secondary Teachers' Drawing Certificate in respect of

3. The BYM Scoolary Features Drawing Certificate in respect of elementary instruction in Aft subjects, such, for example, as the leading of Drawing to classes of the Proporatory year.
4. The Irak Secondary Tenchers' Honours' Drawing Certificate in respect of the subjects manual on the certificate. In county horoughs, and in this larger technical schools where circumstances appear to denamed it, higher

qualifications will be looked for. 5. The Department's Diploms in respect of Domestic Economy subjects in the case of students trained at the Irish Training School of Domestic

6. Diplems in respect of Domestic Economy subjects awarded by the Board of Education, by the National Unice, or by the late Kildare-street School of Cookery, now the Irish Training School of Domestic Economy. 7. Certificates in respect of Manual Instruction issued by the Department at the close of courses of training of Manual Instructors conducted in

Norm S. The Teschers' Certificates in Manual Training (Woodwork and Metal-work) of the City and Guilds of London Institute, and the Teschers' Higher Certificates (Woodwork and Metalwork) of the Board of Examinations for Educational Haudwork. Certificates of Glass L. Stage III., of the Royal Society of Arts.
 Teachers' Diplomas of the London Chamber of Commerce in respect

Teachers' Diplomas of the Lannac Centifictor of Commercial subjects and languages named thereon.
 Pitman's Full Teacher's Certificate for Shorthand.
 The certificate of the National Board, in respect of English and

Mathematics of the Preparatory year.

First-class Certificates in Stage II. of Science subjects of the Board of Education will not alone be recognised as sufficient qualification to teach the subject named on the certificate

For recognition as teacher of a modern language, high attainments, and

some conversational ability, will be looked for. Specially qualified persons will always be exceptionally recognised; but such recognition will be granted only when the applicant for recognition has satisfied the Department that he is specially qualified. Applications for special recognition should be accompanied by a complete detailed statement of the applicant's course of study and work; and abould be supported, as far as possible, by certificates from professors or employers. In order to determine smally whether a teacher has sufficient technical knowledge of the subject which he seeks to teach, the Department may request him or the subject within he seems to touch, the apparences may requess men to undergo a special examination. Such special examination will, as a rule, be held in Dublin; and the applicant will have to ben; his own travelling and personal expenses in connection therewith,

Registration of a teacher's qualification may be empended (or further of a subject for teaching purposes, or of mefficiency as a teacher from whatever cause arising.

EXAMPLES OF SCHEMES OF TECHNICAL INSTRUCTION IN

NON-AGRICULTURAL SUBJECTS.

COUNTY CORK.

TECHNICAL INSTRUCTION SCHEME.

1st Asquet, 1910, to 31st July, 1911

The scheme, subject to the provisions requiring local contributions from rates, is applicable to all the Urban Districts (with the exception of Qosenstown) and to all the Bural Districts within the administrative area of the County Council. Population of the area administered under the scheme —Urban Districts, 32,984; Renal Districts, 387,586; total, 320,580.

Valuation of the County -- Urben Districts, 263,889; Bornl Districts, 21,024,986; total, 21,088,875. Value of 1d. rate: -- Urban Districts, £266, Rural Districts, £4,270.

total, £4,536 The local contribution from the rates will be paid over to the Committee (a) by the County Council in instalments in September. the Commiscre (a) of the commy connect in instances in September, December, March, and July; and (b) by the Urban District Councils at yearous dates before the end of the financial year.

The Committee is a Joint Committee of the Cork County Council and the Urban Distarct Councils of Clonakilty, Fermoy, Kausale, Macroon, Mallow, Midleton, Skibbercen, and Yonghal. It consists of twenty-eight

The most important industries (excluding agriculture and alfred industries) of the Urban and Rural Districts of the County are -- Building trades, distilling, brewing, shipping, fishing, lace-making, brick-making, stained glass-making, flour manufacture, weellen manufacture, chemical works, mineral water works, condensed milk, ferromite, tenning, paper Objects of the Scheme

The objects of the achome are to provide, mainly by means of evening schools and tituerant classes, instruction in science, art, technological, commercial, and domestic economy subjects, chiefly for persons engaged in various industries during the day.

		200				
The sebeme is set	out under the	following	boads :-			
I. Finance. II. Evening School III. Technical Clas IV. Scholarzhips for V. Domestic Eco VI. Instruction in	es for Girls.	550K				
VII. Preparatory VIII. General Cond	Course of Inst	enetion.	mental re-	onomy.		
	I. F	INANCE.				
A. Estimated Income						
financial yea (2) Contributions fro	e £ levied o	March, E District C	tural Dia 911) Inuncils o	stricts in	the	£2,130
bereen, and	Youghal (the be financial y	produce of ear ending	f a rate	of 1d. h	o the	230
(a) From (b) Gran	a Endowment	171	Science.	Art. £		
dro.	***			***	300	2,420
(4) Students' Fees (5) Sundry Receipts	-0.	***	***	***	477	200
(o) Sunary mecupia		***			***	00
		Total				£5,085
B. Estimated Expens	diame.				-	
(1) Evening Schools, Classes (rent		ayment of	teacher	s other	than	
tising, &c.)					4104	£1,360
(2) Two County Art	Teachers (Sali	tries and I	Ехренеев)		400
(3) One Chemistry To (4) Three Special Te	sacher (Salary	and Expe	nses)	(Salarias	hand	,180
Expenses)			-			905
(5) Right Itinorant	Instructora	in Wood	iwork (Salaries		
(6) One County Teac	her of Loren	oking one	Daviero	(Salare	and	1,580
Expenses)						110
(7) Four County Ins		Domestic :				550
(8) Technical Classes	for Girls	100				580 75
(9) Residential Schoo	l of Domestic	Training.				10
(a) Scho	larships for	Sirls			±40	
(b) Sala:	ry of Cert	ificated	Texcher	of	100	
(e) Sales	estio Beonomy y of Assistan	Teacher			40	180
			viz. :			
(a) Secre	stary's Salary	***	***		150	
(b) Assis	tant's Salary Exponses,	industry.	no.		42	
(c) Ollice Stat	ionery, Adver	tising, &co.		vang,	210	402
		00-1-1				64 100
		Total				£5,427

C. Allocation of Accountance runnal.

Of the funds remaining unexpended from the working of the scheme in
the academic year 1999-10, the sum of \$259 will be appropriated to meet
the estimated defict on the working of the scheme for the present sension.
The romainder will be applied in establishing classes other than thory
already provided for above, in providing additional equipment and

apparatus, and for such other purposes as the Committee, with the approval of the Department, may, from time to time, determine.

II. EVENING SCHOOLS.

The Committee will, subject to the written approval of the Department, establish, or aid in establishing, so far as the funds at their disposal permit, Evening Technical Schools or Classes, in places to be previously approved by the Committee and the Department :--

(a) I. By acquiring, or giving aid towards acquiring, accommodation for Technical Classes : (i.) At rent for short term; or (ii.) At rents for lease; or

salaries.

2. By building, or giving aid for building, if necessary, Technical (6) By paying, or giving aid towards the payment of, a staff of pressurent and temporary teachers. The temporary staff to be engaged by the hour, work, meath, or residen, as the case may be; the permanent staff to be engaged as whole-time officers on annual

(c) By providing, or giving aid towards providing, equipment.

Conditions Under Which Classes will be Held.

1 Classes must contain a fair proportion of industrial or commercial students eligible for recognition under the Department's Programme for Technical Schools and Science and Art Schools and Classes. 2. Classes must be conducted in accordance with the regulations of that Programme.

3. Clauses must meet for not less than twenty hours' instruction in the session. 4. Theoretical lessons must be of not less than one hour's duration, and practical lessons of not less than ninety minutes' duration.

5. Classes may not be conducted for grants under the Regulations for Elementary Evening Schools of the Commissioners of National Education. 6. The subjects of instruction must be suitable to the locality,

III. TECHNICAL CLASSES FOR GIRLS

Subject to the conditions set forth below, capitation grants at the rate of £1 los. Od. per pupil for any number not exceeding ten, and at the rate of 16a, per pupil for the remainder of the class, will be paid in respect of the attendance of girls at instruction in lace-making, creche-making, needlawork, springing, embrudery, drawn thread-work, chirt-making, or such other industrial or domestic subjects as may, from time to time, be approved by the Department.

General Conditions for the Conduct of Classes and Payment of Grants. 1. The industry in which instruction is given shall be suited to the circumstances of the locality.

 The grant may be claimed on account of pupils who have received during the session not less than 240 hours' instruction, as specified in Section 4 helow.

3. Grants may be paid in respect of a pupil's attendance at instruction in any one industrial subject for not more than two school sessions, but where circumstances have made it desirable to introduce a new industry, grants may be paid on account of a pupil for not more than three school sossions in all

4. The pupil, as part of the 240 hours' instruction, shall receive at least 40 hours' instruction in Domestic Economy subjects. (The 40 hours' insarrotton may be given in twenty lessons of two hours each, and must neolude practice. As least 30 hours must be develed to Cookery; 10 hours may be given to Laundry Work. Not more than 60 hours' instruction in Cookery and Laundry Work may be reckoned in the total of 340 hours.)

(Nozz :- In order to assist managers of classes working under this or surgrouped table there has been surgrouped in the Committee's Demonstrate Economy Instructions are granted, the managers of the class are required to provide fire, light, and the necessary materials. The instruction given must be such as is applicable to the home life of those attending the course.) 5. The equipment and instruction must be assisfactory. (The Department's Inspectors will be specially directed to report how far the work is instruction, and how far the proctice of an industry.)

6. The Sales and Wages Book and Attendance Registers must be satis-

factorily kept 7. Grants will not be payable in respect of the attendance of pupils who are not over fourteen years of ago at the time of admission to instruction, or who are on the Boll of a National Sobools or of an Industrial School under the Irish Industrial Schools Act. 8. Grants will not be payable under this section in respect of instruction

to the claims admitted.

in an industrial subject given by a teacher employed by the Committee.

9. Managers intending to claim grants under this section must forward
Form SAT to the Offices of the Committee on the property of the Committee on the Comm 10. Instruction must begin, under a recognised teacher, before the 1st December at the latest. Should the sum (£75) allocated for the purpose of this section of the scheme not enable the Committee to pay off all the claims in full, at the

IV. SCHOLARSHIPS FOR GIRLS.

The Committee will, in June, 1911, award not more than four soficiar-ships, of the value of £10 each, to girls who have received an education convivelent to that of the Fifth Standard of a National School, to anable them to attend a regular course of instruction and training in domestic economy. The object of such scholarships is to cultivate intelligence and resourcefulness on the part of those holding them, and to reader them more practical in the performance of home duttes of all hinds. The Scholarships are tenable for one session, and no scholar will be awarded a Scholarship for a second year.

The Scholarships will be tenable at the Residential School of Domestic The Schökarships will be tenable at the Residential School of Domastize riming, Covenus of the Silters of Charry, Dumansway. Selected riming, Covenus of the Silters of Charry, Dumansway. Selected School, on or before the date of extrance, and a further sum of 54 on or before the lat January, 1912, and these mans, opposite with a the amount of the Scholarship to he paid by the Committee to the School Managers, will call the the School and the Covenus of the School Managers, will call the School and the Covenus of the School Managers, will

I. General Conditions Regulating the Award of the Scholarships. (1) The Scholarships will be tenable only by girls

(a) Who are over sixteen and under twenty-five years of age on

the lat of June, 1911; and Whose parents or guardians have been resident in the area administered by the Technical Instruction Committee for at least one year immediately preceding the 1st of June,

(2) The selection of the scholars will be made by a Selection Committee of the Technical Instruction Committee, who will satisfy themselves, by whatever means they consider desirable, that the subclaus selected have received an education equivalent to that of the Fifth Standard of a National School.

(3) Forms of application for Scholarships may be obtained from the Secretary to the Committee, and must be returned, duly filled in, by the 2nd of June. Euch application must be accompanied by not less than two testimonials, one of which must be from a local clergyman, and one from a District or County Councillor.

(4) Selected candidates will be required to furnish, for the inspection of the Technical Instruction Committee, an authenticated copy of certificate of hirth, and a certificate of sound health from a duly qualified medical practitions;

proxiditions:

only indeed, and only indeed the Residential School for a formula (1) School.

Any condition from a simulation to make you the contract the contract terming will, as the expiration of the period of position, be required to convey and their places all 10 field by a selection from the when qualified the residence of the period of position, by required to those schools with one and the period of the period

(f) All Scholarships shall sterminate on the Mat July, 1912.
(d) The Committee may refuse to award the nill mumber of Scholarships should a sufficient number of exchange about a sufficient number of existable candidates not be forthcoming, and they may determine a Scholarship and yit time, without notice, upon belang satisfied that its continuouses in for any ranson undesirable.
(9) In the case of difficulties existing in connection with the awarding or belong the sufficient of the sufficient of the scholarship, the nature will be referred to the Department of the Scholarship Schome will be inserted ones early as advertisement of the Scholarship Schome will be inserted ones early an advertisement of the Scholarship Schome will be inserted ones early as a service of the Scholarship Schome will be inserted ones early as a service of the Scholarship Schome will be inserted ones early as the scholarship of the Scholarship Schome will be inserted ones early as the scholarship of the Scholarship Schome will be inserted one early as the scholarship of the Scholarship Schome will be inserted one early as the scholarship of the Scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the Scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be admitted to the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the scholarship Schome will be inserted one early as the s

ment, whose decision shall be final.

An advertisement of the Scholarship Scheme will be inserted once, early in the menth of May, in the newspapers circulating within the area administered by the Committee.

H. Conditions Regulating the Recognition of Residential Schools of Domestic Training.

(1) In order that a Residential School of Demestic Training may be recognised by the Department under this Scheme, the Managers must provide a satisfactory course of instruction in the following subjects:—Household Management (including the keeping of accounts).

Cockery (including the selection of means for small incomes), Noedlework (repairing, adapting, and dressmaking), Laundrywork,

Hygiene (including sick nursing and the care of the young).

At least thirty hours per week must be devoted to the foregoing subjects. The curriculum may also include one or more of the following subjects if adequate provision is made for both practical and theoretical instruction:

Deliverwork

Poultry-rearing. Bee-keeping. Cottage Gardening.

(2) Three must be on the stuff of the School a certificated teacher of Demonstrations, who devotes at Seat thirty bours per week to the theorem of the stuff of the School and the stuff of the school are also and other provisions, of the School are adequated and

(4) Witch a fortnight after the re-opening of the School is any year, be Managers must forward to the Department the complete time cable on Form S.148, copies of which will be furnished by department upon application. This time-table will how the distribution of time to the various subjects of the course, and must receive the written approval of Department.

(5) The School shall be at all times open to the Impectors of the Department.

V. DOMBSTIC ECONOMY DAY CLASSES.

Grants for instruction given by Nuns, who have been trained under the County Cork Scheme of Technical Instruction, and whose qualifications have been recognised by the Department, will be allowed by the Committee

under the following conditions:

Nors: --Pupils attending Day Secondary Schools, National Schools,

Industrial Schools (Government aided), or Technical Classes (Section III. of Scheme) may not be carelled in these classes.

(1) The Committee will pay £7 70s, for each course of instruction. A course will consist of £fry lessess, of two hours' duration each. Approval of the proposed time-table must be obtained from the Department before a course is started.

(2) Not more than £40 will be paid by the Committee to any one teacher

(2) Not more than 450 will be paid by the Committee to any one teacher appeared under this Scheme in any nendemne year (Int August to 31st July). Two courses conducted concurrently will not be recognized unless one of the courses at least has a full complement of aircton pupils.
(3) A pupil may not be registered for more shan two courses, and may not be registered for two courses, conducted concurrently.

not be regulared for two courses conducted concurrently.

(4) New pupils may not be admitted to any course after the cixth lesson of that course.

(5) No payment will be made for any course of instruction in which the

(6) No payment will be made for any course of instruction in which the average attendance for the whole course fails below six.
(6) Reasonable charges for asstorials, five, and light, used for class teaching, and for necessary advertising, will, on the production of authentically wonders, be paid by the Committee.
(7) The few to he paid by each papil shall be 2s, for each course, and

(7) The free to be paid by each pugil shall be 2s. for each course, and shall, together with any receipts from the sale of cocked dishes, be paid over to the Committee.
(8) A sum, not to exceed 2s. 6d. per week, may be allowed by the Committee towards the expenses of cleaning, lighting fires, 6c., in connection with scate course.

(9) The clusses shall be open to females of all religious denominations.

(10) Notification of the formation of the classes must be submitted to the Committee on Perm S 25.

VI. INSTRUCTION IN MANUAL WORK AND DOMESTIC ECONOMY.

The Committee, in order to meet the wants of venote Rural Districts, will appoint it dimerant instructors in manual evaluing (wooderck) and in domestic economy. These teachers will give courses of instruction at centres (not already provided for by evening classes) to be approved by the Committee and the Department.

VII. PREPARATORY COURSE OF INSTRUCTION. A Preparatory Course, in connection with the Programme for Technical

A replication of the second se

application for a series and the placed in the sixth class of a zehool under the National Beard.

All students under instruction are required to attend instruction in each sabject of the course.

VIII. GENERAL CONDITIONS,

(1) The Schome is not intended to apply to shifters under fourteen years of any, but and diffuler who have been placed in the Skith Class of a sign state of the shifter of

Improtors will, from time to time, report to the Department on the condition and auditability of the school benidings or class rorms, the character of the instruction and its suitability to the meds of the locality, the sufficiency of the teaching staff for the number of stoderts under the sufficiency of the teaching staff for the number of stoderts under the support of the support of the stoderts in the sufficiency of the staff of the support of the support of the support of the proteins of the Scheme, and the support of the proteins of the Scheme, the support of the proteins of the Scheme, the support of the Scheme support of th

(8) Classes we denoted or sided under the Solome shall per by of such its no to major the efficiency of the instruction. (A proteind date should consist of rod more than investly stodents under one teacher, and a consist of rod more than two more class froy statellists. Look Committee the data time than do not make a fary statellist. Look Committee the data time that of no more than the statellists. Look (6) Control will be executed over the attaining to classes so, that took any at the own procession of the control classes may be insided by enhanced the control of t

(5) Classes will, unless in exceptional circumstances, be closed should the average attendance for four successive lessess full below six.
(6) Attendance Registers shall be corefully, regularly, and punctually

matelot. Lead Committee of Management shall be formed in such centre for the Raral Dattiest where others over a be sale. Her committees the shall appoint an Henorary Secretary, and place itself in communication with the Control yellow Committee. In an Urban District the observed, in with the Control Paint Committee appointed for the purpose by the Urban Institute of a Eccal Committee appointed for the purpose layer of the Committee of the Commi

The duties of a Local Committee are :-

(a) To arrange for suitable accommedation for the courses of instruction to be given; to awaken local interest, and to make due provision for the starting, or resumption, of the ocurse.
(b) To assist in securing regular and punctual attendance at the

(c) To visit the classes from time to time, and to check and sign the registers, and
(d) To make recommendations to the County Committee as to local

requirements in comments with the change,
requirements in comments with the change,
(8) Full particulars of the qualifications and experience of any tember

whom it is proposed to engage shall be submitted for the Department, and does approach of the approximation obtained, in writing, before the appointing the property of the property of the Department shall be obtained (9) The previous written approval of the Department shall be obtained for any expenditure upon additional equipment, or for any purpose and the proposals under the head of Finance. (Approval of such expenditure, assetting objects as a proposal of the proposal of the Department's assetting objects as published in the accuracy.)

(40). Accurate returns of such particulars as are required by the Department shall be made at the specified times.
(11) Within seven days after any meeting of the Committee, a copy of

(11) Weam served days first any meeting of the committee, a copy or the minutes of proceedings of that meeting, as entered in the minute book, shall be furnished to the Department.
(12) The accounts of the Committee shall be treated as part of the

accounts of the Local Authorities, and will be audited as such by the Auditor of the Local Government Board. (13) No moncy shall be spect under this Scheme in an Urban District unless the Urban District contributes annually a rate of one penny in the E or its equivalent.

The Scheme is subject to revision at the close of the academic year.

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COUNTY FERMANAGH.

TRUBSIAL INSTRUCTION SCHEME. 1st August, 1910, to 31st July, 1911.

The Scheme, subject to the provisions requiring local contributions from

The Scheme, subject to the provisions requiring bond contributions from the rates, is applicable to the Urben Director of Remiddling, and to the Renablest and the Scheme Director of Remiddling, and the Renablest and the Scheme Director, and the Renablest and the Scheme Director, and the Renablest and Renables

two instalments, in April and October, 1910.

Chief Industries.

The population is almost entirely devoted to agricultural pursuits

Objects of the Scheme.

The objects of the Scheme are to provide instruction in lace and crochetwork, needlework, manual training (woodwork), demestic economy, and

The Scheme is set out under the following heads:-

I. Finance.
II. Instruction in Industries.
III. Instruction in Demestic Economy Subjects and Manual Training.

V. Training School for Luce Teachers. V. General Conditions.

A. Estimated Income:

(1) Contribution from the County Council from rates levied in the financial year eading 31st March, 1911.

(2) Contribution from the base of the District Council of Emutablies year coding 31st March, 1911 the £ levied in the financial year coding 31st March, 1911 the £ levied in the financial of the Contributions from Decorations:

B. Michaeld Erpenditure:
 Static and exposum of seathers of industrial subjects
 Static and exposum of seathers of industrial subjects
 Static and exposum of seathers of industrial subjects
 Static and exposum of the seathers of industrial seathers
 Static and the seathers of industrial seat

(b) Office expenses, printing stationery, advertising, &c. 45 105

Total £984

II. INSTRUCTION IN INDUSTRIES.

To improve the work in lace and crochet-making and in needlework carried on throughout the county, the Committee may appoint nine curried on throughout the county, the Committee may appoint nine teachers. Thus teachers will be teachers the need by the Committee, with the approval of the Department, and each teacher will be required to give two becomes of three hours d'urabine each, on three hours of the county of urabine each, on three hours, the county of the cou centre; but arrangements will be made whereby at least aix boars instruction per week shall be given at each centre. A salary of £60 per annum may be allowed when the teacher is employed for thirty hours, or upwards, per week.

Conditions Under Which the Closees will be Held.

(1) A local Committee to be formed, who shall make known the objects of the instruction, obtain a suitable class-room, and he responsible for the proper cleaning and lighting of the room. (2) All changes in the Time Table of the Classes to be at once nottfied to the Committee

to the Committee.

(3) An accorate account of all receipts and expenditure to be hope for (3) An accorate account of the purpose by the Department.

(4) A devication provided for the purpose by the Department.

(5) A devication provided for the purpose by the Department of the purpose of all articles. (The annuants to raised will be applied in meeting the cost of rest, feel, postage, leandering, and incidental accesses, and the purpose of the purpose o

(5) Laundering to be paid for at a rate not exceeding 5d, per pound's worth of work washed. (6) Should the fund referred to at (4) above exceed, at the close of any

(6) noming the tend reterred to an (9) flowe extend, as one time to any caselering year, one-tenth of that year's sales, a homes may be granted out of the excess to each worker, at a rate of not more than 6d, per £ of the wages paid in the case of lace and crocket-workers, and 6d, per £ in the wages plan in the case of lass and erecent-worsers, and M. per z. in the case of syrigers. (This home will only be paid after the accounts have been audited by the Secretary to the County Committee, and on his certificate that the position of the industry warrants such payment.) (7) Any belance of the eccoun which may remain after providing for the shove purposes to be returned to the County Committee,

III. INSTRUCTION IN DOMESTIC BOONOMY SUBJECTS AND MANUAL TRAINING.

The Committee will appoint an instructions in Domestic Economy Subjects and Hygiens, and an instructor in manual training (woodwork), who shall conduct courses of instruction in these subjects at centres and at times to be fixed by the Committee, with the approval of the Department.

These courses will consist of at least thirty lessons of two hours' duration each, and will extend over a period of about six weeks. A fee not exceeding 2s. 6d. will be charged for admission to each class.

IV. TRAINING SCHOOL FOR LACE TEACHERS.

A school for the training of skilled workers as teachers of lare and springing classes will be conducted in connection with the Technical School, Runsstillen. Instruction will be provided in lace-making, or springing, laundering, drawing and design, English, commercial arithmetic, beamess procedure, and hygiene Classes will be teld daily under the supervision of a principal holding

special qualifications. Students, while in attendance at the school must continue to practice their industry.

Candidates for entrance must pess an examination in English, arithmetic,

Changes of the manage mass posses of calculations as longest, statistics, that the manages of springing.

Recognition of qualifications to give instruction in ince-making or springing will be accorded to those students only who attend satisfactorily

during one complete session of twelve months, and who reach a satisfactory standard in an examination which will be beld by the Department.

V GENERAL CONDITIONS

(See Scheme for County Cork.)

COUNTY KILKENNY.

TECHNICAL INSTRUCTION SCHOOL

1st Avenue, 1910, to 31st July, 1911.

The Sobeme, subject to the provisions requiring local contributions from the rates, is applicable to the Urban District of Kilkenny and to all the rural districts within the administrative area of the County Council. Population of the County :-- Urban District, 10,819; Rural Districts, 68,550; total, 79,159, Valuation of the County :-- Urban District, £19,552; Rural Districts.

4344,369; total, £868,921. Valuation of 1d. rate :-- Urban District, £81; Rural Districts, £1,434; total, £1,515,

The local contributions from the rates will be paid over to the Committee The Rosa contaminations from the recess with the post over to this Countries as follows:—County Council's contribution, in instalments in July and October, 1910, and January and April, 1911; Urban District Council's contribution, two-thirds on the lat October, 1910, and the remainder on

Technical Instruction Committee.

The Committee is a Joint Committee of the Killsenny County Council and the Urbon District Council of Kilkenny. It consists of thirty-one members, of whom seventeen are councillors, and fourteen added members,

Chief Industries

The most important industries (excluding agriculture and allted industrees) are building trades, worlden cloth manufacture, engineering, cycle-making, furniture making, tobacoo curing, marble and slate quarrying and working, measuremental curving, printing and book-binding, milling, foundrywork, hrewing, cooperage, weaving, baking, cabinet-making, bost-making coal-mining, distilling, tunning.

Objects of the Scheme.

The objects of the Scheme are to provide, mainly by classes in Evening Technical Schools and in the Day Trades Preparatory School, by schoolar ships, and by the employment of itinerant teachers, instruction in technological, science and art, commercial, industrial, and domestic economy subjects.

The Scheme is set out under the following heads :--I. Finance.

- II. Subjects of Instruction.

 III. Teaching Staff.

 IV. Day Trades Preparatory School.
- VI. Scholarships for Boya. VII. Evening Technical Classes. VIII. General conditions.

	Estimated Income.					
	(1) Contribution from the Cour over the Rural Districts in March, 1911	the finan	cial y	m rates ear endir	levied ag 31st	
	(2) Contribution from the Urban (the produce of a rate of 1)	L in the:	S levis	ed in the	finan-	
	cial year ending 31st Mar (3) Contributions from the Depa	riment :-		411		
	(a) Annual Grant from (b) Special Grant towa- of the Day Trades	rds the r	naint	emance School	£820	
	(estimated)				£420	
	(c) Grants for Instruction (d) Grant in aid of the	n in Scien	ive, A	rt, etc.	£150 £50	
						1,
	(4) Students' Fees, and Sale of I (5) From the Managers of Day S	Books, Ch	1.88 M:	aterials,	ete	
	secriose of the Art Master	есованту	Seno	ous ror u	te pare	_
				Total		£2,
В.	Estimated Expenditure.					
	(1) Salaries of Teachers :- (a) Principal and Secre	tary				
	(a) Principal and Secre (b) Permanent Teaching	Staff				
	(a) Principal and Secre (b) Permanent Teaching (c) Increase of Salaries	Staff	 anens			
	(a) Printipal and Secre (b) Permanent Teaching (c) Increase of Salaries mated)	of Perm	anens			
	(a) Principal and Secre (b) Permanent Teaching (c) Increase of Salaries mated) (d) Temporary Teaching	Staff of Perm. Staff		Tescher	s (esti-	
	(a) Principal and Secre (b) Permanent Teaching (c) Increase of Salaries mated) (d) Temporary Teaching (2) Travelling Expenses and Al	Staff of Perm Staff ownness		Tescher	s (esti-	
	(a) Principal and Secre (b) Pormanent Teoching (c) Increase of Salaries mated)	Staff of Perm Staff ownzons	=	Tescher	s (esti-	
	(a) Principal and Service (b) Permanent Teaching (c) Increase of Salaries mated) (d) Temporary Teaching (2) Travelling Expenses and Al (3) Sobolarning for Boy (4) Prices (6) Maintonance of Classes at 1	Staff of Perm Staff ownness	Cea	Teacher	s (esti-	
	(a) Principal and Secret (b) Pernament Teachin (c) Increase of Salaries mated) (d) Temporary Teachin (2) Travelling Expenses and Al (8) Scholarships for Boys (4) Prises (5) Maintenance of Classes at 1 rent of rooms, out of ment, etc. (6) Maintenance of Classes in the	Staff of Perm Staff ownness comporar supplies,	r Cen	Teacher tires, incoval of ct of Kil	s (esti-	
	(a) Principal and Secret (b) Pornament Teachin (c) Increase of Salaries mated) (d) Temporary Teaching (2) Travelling Expenses and Ai (3) Scholarships for Boys (4) Prices (5) Maintenance of Classes at 7 month of County out of County out of County out of County (6) Maintenance of Classes in the Debudies of Classes in the Debudies rout of versions (6) Maintenance of Classes in the Debudies rout of versions (6) Maintenance of Classes in the Debudies rout of versions	Staff of Perm Staff ownness remporar supplies, Urban l insurance	Cen reme	Teacher stres, incoval of ot of Kil	eluding equip- kenny, wages,	
	(a) Principal and Secret (b) Permanent Teaching (c) Increase of Salarius (d) Increase of Salarius (d) Increase of Salarius (d) Travelling Expenses and Al (d) Scholarabuse for Boys (d) Priese (d) Maintenance of Classes at 1 rent of rooms, out of principal control of the second of th	Staff of Perm Staff ownness comporar supplies,	r Cen	Teacher tires, incoval of ct of Kil	eluding equip- kenny, wages,	
	(a) Principal and Secret (b) Pornament Teachin (c) Increase of Salaries mated) (d) Temporary Teaching (2) Travelling Expenses and Ai (3) Scholarships for Boys (4) Prices (5) Maintenance of Classes at 7 month of County out of County out of County out of County (6) Maintenance of Classes in the Debudies of Classes in the Debudies rout of versions (6) Maintenance of Classes in the Debudies rout of versions (6) Maintenance of Classes in the Debudies rout of versions	Staff of Perm. Staff ownstees Femporary supplies, Urban 1 inserance	r Cen reme Distri-	Teacher tres, incoval of ot of Kil	eluding equip- kenny, wages,	
	(a) Principal and Secre (b) Permanent Recching (c) Increase of Salaries mated) (d) Temporary Teaching (d) Temporary Teaching (d) Temporary Teaching (d) Scholarships for Boys (d) Prince (d) Prince (d) Prince (d) Prince (d) Prince (d) Prince (d) Maintenance of Classes at 1 rent of rooms, out of ment, set (e) Maintenance of Classes in the including evol of premises (e) Maintenance of Classes in the including evol of premises (ii) Authority of Classes (iii) Authority of Classes (iii) Administration, including one	Staff of Perm. Staff ownstees Femporary supplies, Urban 1 inserance	r Cen reme Distri-	Teacher tres, incoval of ot of Kil	eluding equip- kenny, wages,	±1,

II. SURRECTS OF INSTRUCTION.

(1) IN EVENING CLASSES.

Preparatory Course,

English, elementary mathematics, drawing, manual instruction (woodwork).

Commercial Subjects.

Shorthand.

Science (Pure and Applied), Building construction and drawing, machine construction and drawing, physics, chemistry, tailors' cutting, corpentry and joinery.

Handieratt. Manual instruction in wood and metal. Domestic Science.

Cookery, housewifery, laundry-work, dressmaking, home-nowing, sick-nursing, hygiene.

Art Subjects.

Freehand, onecet, model, and blackboard drawing, drawing in light and shade, design, prometrical drawing, painting of ornament in memochrome.

(2) AT TRESPONDENT CENTERS

The subjects taught will mainly be those mentioned in Section V., but such of the subjects above mentioned as may be suitable to a particular locality may be added from time to time.

(3) IN THE DAY TRADES PREPARATORY SCHOOL.

Experimental science and drawing, workshop mathematics, manual instruction in wood and metal, practical geometry, and literary subjects, including one modern language in addition to English.

III. TRACHING STARP.

The teaching staff will comprise permanent and temporary officers.

The permanent staff will consist of :--

1. A principal, whose duties shall be :-(a) To act as Secretary to the Committee.

(b) To give effect generally to the provisions of the approved scheme in accordance with the instructions of the Com-

mittee (c) To supervise the work of the teaching staff. (d) To conduct day and evening classes as may be found neces-

2. A teacher of experimental science, mathematics, etc., with special

qualifications in mechanical science. 3. A teacher of art subjects, whose services will be partly utilised in conducting day classes in certain accordary schools.

4. Two manual instructors. 5. A teacher of English, Mathematics and French.

6. Three itinerant instructresses in demestic economy. The services of these instructresses shall be available in Kilkenny Urban Dis-trict and other centres as may be arranged. (They will he enturely engaged in conducting courses of instruction in temporary centre between the close of one evening school session and the opening of the next.)

The temporary staff will consist of teachers, specially qualified to give instruction in technical and commercial subjects, whose engagements shall be subject to such conditions as may be arranged at the time of making

each appointment.

It will be a condition of all appointments on the permanent teaching stuff under this science that the teachers will be prepared to give instrucmean induct this sidence time use teneurin will be prepared to give instruc-tion in rural centres, and in both day and eroning classes, when required to do so by the Committee, and that they shall be under the control of the principal.

IV. DAY TRADES PREPARATORY SCHOOL.

The Day Trades Preparatory School is conducted at the City Technical School, Kilkenny. The aim of this school is to provide for boys over thirteen years of age, who have received an education equivalent to that of the sixth standard of a National School, such a course of training as will fit them to enter upon an industrial career The course of instruction will extend over three years.

The standard of education of candidates for admission to the school will be tested by means of an entrance examination, conducted under conditions approved of by the Department.

The Department will hear three-fearths of the approved not annual cost of maintaining the school. The preportion of the expenditure admitted for payment by the Department may be increased by one-tensity if the Department of their impactions "reports, are of opinion that the organization and teaching featify and a course, or it may be maintained to the confidence of the property o

A sum of £30, included in the amount allocated for prizes, is reserved for pupils who have completed satisfactory courses at the Day Trades Preparatory School, and will be distributed as follows:—

appearance of the value of £10 each may be awarded to the students who have not allowed the students of £10 each may be awarded to the students who have now the have not a student of £10 each may be awarded by the Committee until go over those years. The prices will be awarded by the Committee the hardents having regard to the report made by the Principal in sorth case. Should sufficient merit, in the optains of the Committee, zet be shown, any or all of the prizes may be withheld.

The fast mostly of the prise in each case shall be payable on the production of satisfactory evidence that the student has entered upon an apprentise-thy, or takes up insularital easily-mores approved by the Committee, and that satisfactory provides has been made for his recurring further inservition in everying closes.

The second moiety shall be payable six months later, on the production of evidence of axistisctory progress on the part of the student.

V. ITINERANT INSTRUCTION.

The subsects to be trackly will include assumit work in wood, reinfanced between the contraction, calcular, incompress, measurements, contractions, and the contract of included for the contract of included in the contract of included in contract on the contract of included in contract of included in contract on the c

VI. SCHOLARSHIPS FOR BOYS

Privision is made for the award of schizmalijes to bys attending primary achoot. The object of these schizmalijes to adoptemizing heavy, who have already received a antidatory primary education, to steed, at the Killmany by Traider Preparatory Ecolo, a course of instruction specially designed to fit them to enter upon an industrial carser; or the contract of test books, both, or, at the buyer to free trition and the free case of test books, both, or, at the buyer to free trition and the free case of test books, both does not be contracted to the contract of which will vary with the distance of the readence of the boy from the Day will vary with the distance of the readence of the boy from the Day

There will be five classes of scholarships :--

Trades Preparatory School.

Class A.—Five scholarships of £12 each, tenable only by boys whose bomes are outside a radius of eight miles from the Day Trades Preparatory School. These scholarships will be competed for as follows:—

One by boys from the eligible portions of the Baronies of Everk, Ida, and Knocktopher.
One by boys from the eligible portions of the Baronies of Callan, Kells, and Shillilogher.

One by boys from the eligible portions of the Barony of One by boys from the eligible portions of the Barony of

Fascodiniz. One by boys from the eligible portions of the Baronies of Galmoy and Crannagh.

Class B.—Seven scholarships of £8 coob, tenable by bors whose homes are outside a radius of four miles from the Day Trades Preparatory School,

Class C.—Twelve scholarships of £4 each, tenable only by boys whose homes are outside a radius of two miles from the Day Trades Pre-paratory Sobool, or who have already held a scholarship under Class D. or Class E. for two years.

Chas D.—Eight scholarships of £3 each for first year scholars who reside within a radius of two miles from the Day Trades Prepara-Class E.—Sixteen free places without maintenance allowance.

Should no eligible candidate qualify for a scholarship attached to any district mentioned under Class A., or abould an insufficient number of eligible candidates qualify for the scholarships under Classes B. and C. the Committee may award the unallocated exholarships to other qualified candidates in order of merit; but in such cases the scholarships will be held for one year only, and the bolders will not be entitled to special con-

sideration in the following year. The scholarships are temple for one year, but if the scholar's attendance and conduct are satisfactory, may be renewed from year to year throughout the course. Information as to the number and value of the scholarships to be offered

for competition may be obtained, early in May, upon application to the Secretary to the Committee.

General Conditions regulating the Award and Retention of Scholarships,

(I) Scholarship-holders will be required to legin attendance at the Day Trades Preparatory School at the beginning of the school year, and in no case later than the 1st October. (2) The amount of the scholarship will be paid in instalments to the

surents or guardians of the achelar on or about the 15th October, 15th January, 15th April, and 15th July. The second and subsequent install ments will be paid only after satisfactory reports of attendance and proments will be paid only after assumancery reports of attenuance and pro-gress have been received from the principal of the school of the (3) The Committee may, at any time, subject to the approval of the Department, determine a scholarship, without notice, upon being satisfied that its continuance is for any reason undesirable. (4) In the case of difficulties, rising in connection with the awarding or holding of these scholarships, the matter will be referred to the Depart.

ment, whose decision shall be final.

Examination for Scholarships, June, 1911.

(6) The Examination will be held by the Department of Agriculture and Technical Instruction, on the 22nd of June, 1911, at contres which will be fixed when all the applications have been received. The subjects and time-table of the examinations will he:— Arithmetic.-Thursday, June 22nd, 11 a.m to 12:30 p.m.

English.—Thursday, June 22nd, 1 p.m. to 2.15 p.m. Drowing.—Thursday, June 22nd, 2.30 p.m. to 3.30 p.m.

(The Syllabuses of Examination are given in the County Tipperary (North Riding) Scheme below).

Candidates may be examined on any part of these Syllahuses.

One hundred marks will be assigned for Arithmetis, one hundred for English, and fifty for Drawing.

(6) Only those candidates will be eligible for admission to the examina-

(a) Who will be over twelve and under fifteen years of age on the lab August, 1911;

(b) Whose parents or guardians have been resident in the area administered by the Technical Instruction Committee for at least one year jumediately preceding the lat June, 1911.

(7) Norms of application for admission to the examination may be obtained from the Secretary to the Committee, and must be returned, duly filled in, by the 3rd June.
(8) Successful candidates will be required to furnish, for the imposting producted interaction Committee, on arthoritiested copy of certification of the second production of the second production of the second production.

medical practitioner.

(9) The Committee may refuse to award the full number of scholarships offered for competition should a sufficient number of qualified caudidates not show sufficient new forms.

Heavy is the Anotheric Year, 1900-11, copies of the Scholarskip Schoner shall be sent to all Scholar slightle to present candidate, situated within the area administered by the Cummittee, and an adversionment of the Schones and of the number of Scholarskips to be compressed for in Juno, shall be inserted once during the month of May in the newspapers circulating within this area.

VII. EVENING TECHNICAL CLASSES.

The Committee will, in addition to maintaining the Kilkenny City Technical School, establish, or aid in establishing, so far as the funds at their disposal permit, evening technical classes in phose to be previously approved of by the Committee and the Department:—

(a) By acquiring or giving aid towards acquiring, class rooms.
(b) By making arrangements, so far as possible, to allow the Instructors employed by the Committee to conduct the classes in subjects specially suited to the needs of the locality.

VIII. GENERAL CONDITIONS.

(See Scheme for County Cork.)

COUNTY TIPPERARY (NORTH RIDING).

TRUBNICAL INSTRUCTION SCHEME,

The scheme, subject to the provisions requiring local contributions from the rates, is applicable to the Urban Districts of Nomagh, Thurks, and fresilemers, and to the Kurul Districts within the administrative area of the County Council, or the scheme :—Urban District, 11.80°, Burn Districts, 55,991; cited, 67. Valuation of the area administered under the scheme: —Urban Districts, 200,452; Rural Districts, 2505,767; ptsl., 277,211.

Yalso of id., rate: —Urban Districts, 257, Rural Districts, 61,070;
The local contributions from the rates (Urban and County) will be paid over to the Committee in instalments on or about the first day of each

Technical Instruction Committee.

The Committee is a Joint Committee of the Tippornry (North Riffing) Compression, and the Urban District Councils of Nennigh, Thurkes, and Templemere. It consists of twenty-five members, of young twelve are solected by the County Council, five such by the Urban District Council of Nennigh and Thurkes, and sizes by the Urban District Council of Nennigh and Thurkes, and sizes by the Urban District Council of

Chief Industries,

The population of the district served by the scheme is almost enturely deroted to agriculture and allied industries.

Object of the Scheme.

The object of the scheme is to provide, mainly by evening schools and itinsrant classes, instruction in science, art, technological, and domestic economy subjects, chiefly for persons engaged in various industries during the day.

The scheme is set out under the following heads --

Pinance.	

II. Evening Schools.
III. Manual Instruction

III. Manual instruction.
IV. Demestic Economy Instruction.
V. Technical and Apprentice Scholarships for Boys.
VI. Grants to Industrial Classes.

VII. Scholarships for Girls. VIII. General Conditions.

I. FIXANCE.

A. Betimuted Income :

quarter.

(8) Contributions from the Urban District Councils of Nemagh, Tomplemore and Thurkes (the produce of a rate of 1d, in the E levied in the Financial Year ending Slat March, 1911)
(3) Contributions from the Department;

(a) From Endowment ... (b) For instruction in Science, Art. etc.

(c) Grant in aid of the Scholarship Fund ... \$50

(4) Grant from the Tipperory (N.R.) Committee of Agricul-

(4) Grant from the Tippecory (N.R.) Committee of Agriculture in respect of sobolarships for girls tenable at the Dundrum Residential School of Demestic Training.
(5) Students' Fees, Sales of Materials, and incidental receipts

Total

2000

249

880

80

401.589

Estimated	Beneaditure .

Estimated Expenditure:					
(1) Salary of Principal					£
(2) Salaries of other teachers	100				435
(3) Travelling expenses and mais pal and other teachers					H10
(4) Grants towards salaries of tes	aham e	d To Joseph	J 67		105
(5) Dundrum Residential School (a) Four Scholarships of £11	of Dor	pestic Tr	nining :-	es	100

(a) Four Scholarships of £15 each £00 (b) Allowance in respect of expert instruction for Scholarship-holders, at £5 per scholar ... £20

(6) Scholarships for Boys
(7) Class expenses, including rents of premises, heating, lighting, cleaning, cost of materials, and cost of reneval of equipment

(8) Prize fund for the Reserea Technical School 10
(9) Office expenses, printing, stationery, advertising, etc., and incidental expenses 60

II. Evening Schools. (See Section II. of the County Cork Scheme.) £1,240

III. MANUAL INSTRUCTION.

The measual interactor will conclust classes in weodwork in the dysconclusive short of the contract of the contract of the contract of the Therita, and covaling classes at Nenagh, Thurles, Baceres, and Empleshood, the Christian Empleader of the Christian Breakers roat, to the Committee Real Interaction of the Christian Breakers roat, to the Committee Real Interaction of the court of materials could be considered to the Christian Christian Christian Christian road, to the Christian Christ

IV. DOMESTIC ECONOMY INSTRUCTION,

The Committee will arrange for each of the two Rineraut Instructreases to nicil arrange noutre in the outree of the year. One teacher will be alleated to the east, and be other to the west of the outry. The centres to be visited, and the order in which they are to be taken, will be fixed by the Committee at the beginning of the acceleration year.

V. Tecusical and Appendicular Scholarbins for Boys.

Scholarbins for Boys are awarded on the results of a compatitive examination held annually. Boys who, during the preceding School Year, show been in regular attendance at one of the following schools will be

(i.) Primary Schools (only boys who have completed the course of the Sixth Standard of the National School Programme, or its equivalent, will be eligible to compete).

(ii.) Elementary Evening Schools conducted under the Rules and Regulations of the Commissioners of National Education.
(iii.) The Preparatory Course of Evening Technical Schools.

(2) The Scholarships will be of two kinds :—(a) Technical Scholarships, and (b) Apprenticeship Scholarships.

(4) #-----

(Treable only by Baye who shall have attained the age of 13 years on the 1st day of August in the year of exemination.)

These Scholarships are tenable at (1) approved Day Technical Schools, e2 papered Day Technical Schools, e3 personed Day Technical Schools, e3 personed Day Technical Schools, e3 personed Day Carlot Schools, e3 personed of which is the instruction of pupils of an andarstial type, and which experience of the schools of the

There will be three classes of Technical Scholarships:

- (i.) Scholarships of the value of £5, tenable at schools within a radius of five selles from the home of the Scholar; (ii.) Scholarships of the value of £10, tenable at schools outside a radius of five miles from the home of the Scholar; Scholarships
- of this value are only awarded where there is no approved school of the type selected within a radius of five males. (iii.) Scholarships of the value of £20 to be granted to Scholars whose attendance at an approved school will necessitate residence away from his home.

Scholars will be required to be in attractance at the school selected at the hepiuming of the School Year, and is any case and laier than the let of October. The amount of the Scholarship will be puid in instalments to the parents or gravilisms of the scholar one shout the 15th October, 15th the parents or gravilisms of the scholar one shout the 15th October, 15th across will be paid only first the second and ambsequent instalments will be paid only from the school customic attendance and progress have been received from the school customic attendance and progress have been received from the school customic attendance and pro-

Scholarships will be smalle for one year, but may be renered for a second and third year on the recommendation of the Department's Impector. Helders of these Scholarships will be eligible after attaining the age of aixies years, for election without further examination by the Committees, on the recommendation of the Department, to an Approachize-ship Scholar-

(B)-APPRENTICESHIP SCHOLARSHIPS

(Tenuble only by Boys who have attained the age of 16 years.)

These Scholarships are tenable during the period of apprenticeship to an approved trade extending over a period of fire years. They may be awarded or the result of the annual Examination for Technical and Apprenticeship Scholarships, or in secondance with the terms of the preceding paragraph.

coding paragraph.
The choice of the trade to be followed will remain with the winner of the scholarship, subject to the approval of the Department.
It will be a condition of tenure that the helder shall be duly indentured to a firm recognised by the Department for the purpose of these Scholarship.

stips, and under conditions which have been appropriate the more important of these conditions are aboves below.

It will also be a condition of teams that the halad-shall follow as the state of the s

will be required to begin attendance at the approved source of study at the annea time that they are admixted to appreciseshing.

Apprenticeship, Scholarships are untended to provide a maintenance of the provided to the provided of appreciseships, and their value for the period analysis of the provided appreciseships, and their value for the period may be made to the provided and the provided apprecise that the fogsther with the weekly wages paid by the employer, will among the set than 18. per week throughout the period of Appendiceship. As the

ship.

rate of wages paid an apprentice commonly increases throughout the period of Apprenticeship, beginning at a small sum an the first year, the amount to be provided by the Committee for the Scholarship will dorresse in proportion. The amount will be payable in such instalments as may be approved by

The amount will be payable in such instalments as may be approved by the Department, repart being had to the special curvantance of each case. Where an Appendicable premium is payable, the Department will be prepared, in approved cases, to provide for its payment. (3) The Committee may, at any time, subject to the approval of the

(3) The Committee may, at any time, subject to the approval of the provided the committee of the committee o

CONDITIONS REGULATING THE DEPARTMENT'S RECOGNITION OF INCENTURES.

(5) In selecting firms with whom Sobolars may be apprenticed, the Department will arrunge that the following conditions shall be observed:—

(i.) Satisfactory arrangements to be made whereby the Apprentice

(i) association of the production of the mode whereby the Apprentice Scholars will have an opportunity of learning all the various (ii.) In contress where provision is made for satisfied Day Classes.

Apprentice Scholars to be permitted to attend during working hours such classes as the Department may approve, the stead number of hours on allowed sets to exceed an average of eight

months and clauses as the Dopartment may approxy, the total bounts weakly. The Dopartment may approxy of eight bounts weakly. The Dopartment may be considered to be considered in the constraint worked, including the hours of attendance at clauses, shell not worked, including the hours of attendance at clauses, shell not a weakly work.

(iii.) Where suitable Day Clauses are not available, facilities to be

(iii.) Where suitable Day Classes are not available, facilities to be given to Appendix Scholars to attend a course of naturation in Evening Technical Schools or Classes, the working hours to be reduced by an equivalent number of hours, and reduced much control to exceed a total of eight hours per week.
(iv.) The authorities of the school or classes which the Apprentace

Scholar schemas shall cestify as to the number of hours during which the Scholar was present at the class each week, and on the production of such certificate, the Scholar shall be paid by the cuplying for the hours mentioned in the certificate.

(v.) The Department's Imagencian shall be estitled to visual the various that the various control of the certificate in the certificate.

places where the appreniates are empirical and the various places where the appreniates are empirical and think diming reaking boars, and inquire unto givernous and the may be made either by the employer or the Appreniate Scholar.

(vi.) This Department shall have power to careful the Industries and to statisfactory to Scholar and the Appreniate preve until the Scholar and the Appreniate preve until the Appreniate prevention of the Appreniate prevention of the Appreniate prevention of the Apprenia and the Appreniate from it for any rotion in the pure desirable to the to another first it for any rotion in the pure desirable to the tames the first in the Apprenia and the Appreniate from the Apprenia and the Appreniate from the Appreniate Properties of the Appreniate Scholar and the Appreniate Properties of the Appreniate Scholar and the Appreniate Properties of the Appreniate Scholar and the Appreniat

EXAMINATION FOR TECHNICAL AND APPRENTICESHIP SCHOLARSHIPS, JUNE, 1911.

(6) The Examination will be held by the Department of Agriculture and Technical Instruction, on the 22nd of June, 1911, at centres which will be fixed when all the applications have been received. The subjects and timetable of the examinations will be .—

Measurement of lengths, areas, and rolumes.

Buglish.—Thursday, June 22nd, 1 p.m. to 2.15 p.m.

Composition: A short sway or letter, of thirty or forty lines-with correct spelling, grammar, and punctuation-on some familiar

Ability to answer, in fully-formed sentences, questions on the meaning of words and phrases, and on the matter of a passage Grammar: The construction of words; prefixes, affixes, and roots,

Analysis of sumple and complex sentences. Paraphrasing a short poetical extract

Drawing .- Thursday, June 22nd, 2.30 p.m. to 3.30 p.m. 1. Freehand Drawing

2. Simple exercises in Denga.

3. Model Drawing of Simple Common Objects.

4. Simple Geometrical Drawing.

And, in cases in which Committees decide that the examinations shall include Irish or Mathematics:—

Iruè.-Thursday, June 22od, 3.45 p.m. to 5.15 p.m. 1. An Turba Brenc. Toolky Gabba with questions on grammar,

etc., arising out of the texts. 2. A passage, or passages, from some other Irish text or texts for

3. Short sentences, colloquial phrases, and a short passage for translation from Euglish into Irish.

Mathematics -Timesday, June 22nd, 3.45 p.m. to 5.15 p.m. Algebra -- Problems involving simple and simultaneous equations, fractions, factors, and somer root,

Euclid. Book I., with practical exercises on the problems. Practical Geometry. Measuration of rectilized figures from diagrams drawn to scale Pupils will be required to draw and measure simple geometrical

Candidates may be examined on any part of these Syllabuses.

One handred marks will be assigned for Arithmetic, one hundred for Rogists, fifty for Draving, and diffy for Iruh or Mathematics.

Only those condidates will be eligible for admission to the exami-(a) Who will be over threteen and under sixteen years of age on the

1st August, 1911; guardians have been resident in the area administered by the Technical Instruction Committee for at least one year immediately preceding the 1st June, 1911.

(8) Forms of application for admission to the examination may be shtained from the Secretary to the Committee, and must be returned, duly filled in, by the 2rd June.

(9) Successful candidates will be required to furnish, for the inspection of the Technical Instruction Committee, an authenticated copy of cartificate of borth, and a certificate of sound health from a duly qualified medical (10) The Committee may refuse to award the full number of Scholarshung

offered for competition should a sufficient number of qualified condidates not show sufficient merit.

Early in the Academic Year, 1910-11, copies of the Scholarship Scheme shall be sent to all Schools eligible to present candidates, situated within the area administered by the Committee, and an advertisement of the Scheme and of the number of Scholzenbye to be competed for in June, shall be inserted once during the month of May in the newspapers circulating within this area.

VI. GRANDS TO INDUSTRIAL CLASSES

Grants of £3% each may be made to the Managers of the Presentation Convest, Thurse, the Convent of the Sayzed Heart, Boszers, and the Convents of Mercy, Nesseys, towards the salary of the isoscher of the Home Industries Closes at each of these Schools. These grants will be payable an undavorable report from its Department's Improcess upon the working of the classes.

VII. SCHOLARSHIPS FOR GIRLS,

The Gammittee will, in June, 1911, award four Scholarships to girls who have recovered a satisfactory primary education, to enable them to attend a regular cowrse of instruction and training in Denositic Economy. The object of those Scholarships is to cultivate instelligence, thrift, and researce-tuniese on the part of those holding them, and to render them more practical in the performance of home duties, of all kinds.

The Scholarships will be of the value of £15 ands, and will be tamble as the Dundrum Benedential Scholar of Denostac Training recognized as mittable by the Department of Approximates and of £2 to the Managers of the School on to helder the sides of £2 to the Managers of the School on to helder the sides of entrance, and this sum, bigositer with the smootm of the Schodarship to be paid by the confidence of the sides of the school to heart of the Schodarship of the S

(For theures) Conditions regulating the Award of the Scholarships and Conditions regulating the Recognition of Residential Schools of Domestic Training, see the County Cork Schools.)

VIII. GENERAL CONDITIONS, (See County (York Scheme.)

COUNTY ROSCOMMON.

TROHNOLE INSTRUCTION SCHEME.

1st August, 1910, to 31st July, 1911.

The Scheme, subject to the previsions requiring lead contributions from rates (see Finance), is applicable to all the Rural Districts within the administrative are of the County Council. Fepilistics of the County, 101/301. Valention, 6301.936. Value of id.

The local contribution from rates will be paid over to the Committee by the County Council in instalments in September and December, 1910.

Committee of Agriculture and Technical Instruction.

The Committee was appointed on the 16th June, 1908, and will cease to held office on the 16th June, 1911. It commits of fifty-night members, of whom thirty are County Controllers and weath-night added members.

Chief Industries.

Agriculture and allied industries, coal-mining, and clay-pipe manufacturing.

Objects of the Scheme.

The objects of the Scheme are to provide, mainly by means of itinerant intructors, instruction in technological, industrial, and domestic economy subjects.

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The Solution is set out under the following heads:— I. Finance. III. Itimerant Instruction. III. Instruction in Industries. IV. Geowral Conditions.	
I. FINANCE.	
A. Estimated Income.	2
Contribution from the County Council from rates levied in the financial year cading Stat March, 1911 Contribution from the Department's Endowment	30 45
Total f	73
B. Estimated Expenditure.	£
Salaries of two Instructors in Manual Work Salaries of two Instructorses in Domestic Economy Travelling Expenses of Hinerant Teachers, and Expenses of Classes conducted by them, including Cost of Supplies,	25 16
Rent of Rooms, and Cost of Removal of Equipment, &c.	14
(4) Increases of Salaries of Itinerant Teachers (estimated)	D
(5) Salary of one Teacher of Crochet Work	6
(6) Expenses in connection with the Tenching of Crochet Work (7) General Administration Account	3.
Total #	75

C. Allocation of Accumulated Funds.

Any funds remaining unexpended from the working of the Scheme in revious sessions will be applied for such purposes as the Committee, with the approval of the Department, may, from time to time, determine.

II. Ternemany Insurancemon.

Two manual instructors and two teachers of domestic oconomy will be employed throughout the session. The following are the general conditions in regard to their employment :-(a) They shall be under the control of the Committee, and shall receive

their instructions through the Secretary of the Committee. (b) In centres where a course of instruction is being provided for the first time, the instructor or instructors will be required to pay a preliminary visit, at least a fortnight before the opening of the classes, in order to see that the proposed accommodation is suitable, and to confer with the local Committee with regard to arrangements for the course.

(c) The itinerant teachers will, as a rule, be expected to give not less than four hours' actual teaching five days each week.

(d) The Committee will aubmit to the Department at the beginning of

This general time-table and stinerary will be arranged at a Committee meeting held after the date fixed for the return of the forms of application from the different centres in the county (e) The course in domestic economy will, as a rule, be of six weeks'

duration, lessons being given each day, but where it can conveniently be arranged, two courses may run concurrently. In this case the duration of the course will be three months. an tax case use durasion of the course will be sure manne, half the time in each week being devoted to one centre, and half to the other. The same rule will in general apply to the course in manual instruction, except that three months shall be the ordinary duration of a course in any centre.

(f) The solaries of itinerant teachers are navable monthly

III. INSTRUCTION IN INDUSTRIES

Provision is made for the employment of a tencher of crochet-work. Provision is make for the suspension.

The services of this teacher will be available at any centres in the county which may be selected by the Committee, and will be retained for a period of not less than byelve months at each centre. Instruction will be discontimped at any centre at which a satisfactory attendance of pupils is not

> IV. GENERAL CONDITIONS (See County Cork Scheme.)

COUNTY WESTMRATH

TRUMPOLA INSTRUCTION SCHEDU.

1st August, 1910, to 31st July, 1911. The Scheme, subject to the provision requiring a local contribution from the rates (see Finance), is applicable to all the Rural Districts within the administrative area of the County Council.

Population of the area administered under the scheme, 55,012. Valua-tion, £315,283. Value of Id. rate, £1,314.

The local contribution from the rates will be paid over to the Committee by the County Council in instalments in April and December, 1910.

County Committee of Agriculture and Technical Instruction.

The Committee was appointed on the 1st June, 1908, and will cease to hold office on the 1st June, 1911. It consists of sixty-two members, of whom thirty-one are County Councillors and thirty-one added members.

Chief Industries. The chief industries us the rural districts of the County are agriculture and allied industries.

Objects of the Scheme,

The objects of the Scheme are to provide, by maintaining a Technical School at Mailingar, and by means of three out instructors and scholarships, and by technical classes for girls, instruction in technological, commercial, domestic economy, and industrial subjects.

- The Scheme is set out under the following heads :-
- I. Finance.
- II. Itinerani Instruction.
 III. Technical School, Mullingar.
 IV. Technical Classes for Girls. Scholarships for Girls,

I. Presses

A. Estimated Income. (1) Contribution from the County Connell from rates levied in the financial year ending 31st March, 1911 ... 956 0 (2) Department's contribution from Endowment ... 450 0

. £776 O

173 10

100 0

80 0

500

B. Estimated Expenditure, (1) Salary and Travelling Expenses of one Instructor in Manual

(3) Expenses of Classes in Manual Instruction, including cost of Supplies, Rent of Rooms, cost of Removal of Equipment, do

(3) Salaries and Expenses of two Instructreeses in Domestic 930 0 Salary of Commercial Instructor Technical School, Mullingar:

(a) Provision for Preparatory Course Clauses (b) Scholarships (c) Heating, Lighting, Class Materials 58 10

(6) Grants to Technical Classes for Girls (see note below) (7) Scholarships for Girls ... (8) General Administration Account

Total. £963 10 Nors: The Committee may, subject to the approval of the Department, apply this sum or any portion thereof, to the direct employment of county teachers of industrial subjects, who may be transferred from district

C. Allocation of Accumulated Funds

to district, as required

Of the funds remaining unexpended from the working of the Scheme in previous sessions, the sum of £187 los, will be appropriated to meet the cath-mated deficit on the working of the Scheme for the present academic year the remainder will be applied for such purposes as the Committee, with the approval of the Department, may, from time to time, determine.

II. ITINERAND INSURPORTOR

(a) The subjects to be taught will include manual work in wood, cookery laundry-work, needlework, and homschold management, with hygiene (if possible). The courses of instruction to manual work will, as a rule, cations over six weeks, or, where two centres can be taken concurrently, three months. In either case the courses will be so arranged as to secure at least thirty lessons for each of two classes at each centre

(b) The centres for these courses will be selected by the Committee, on consideration of the applications from all eligible centres, at the beginning

(c) In the case of courses in Domestic Economy, the Committee will rent (c) as see a consider a populous district, periembly a district containing a number of labourers' cottages. The Instructors will reside in the cottage and or likewaren contage.

The confider classes on certain days weakly for a fixed period—day, ten or twolve weeks. The cottage will be furnished with assentials only and in keeping with the requirements of a cottage of its class. It will be managed as as to show how a household may be conducted on limited resources. The time of the Instructross which is not occupied in classwork at the cottage will be devoted to making house to home visits in the neighbourhood with a view to affording such information on practical subjects as the circumstances of cases may suggest, special attention being given to practical demonstrations in the proper use of such ntensils and food materials as

The number of students admitted to a class held at the cottage in which the Instructress resides abould not exceed eight or ten. The necessary furniture will be hired or purchased by the Committee.

(d) One of the teachers of domestic comomy shall be available for the Residential School of Domestic Training at the Convent of Mercy. Monte so far as to comply with the provisions laid down in Section V. B. (2) of thus scheme.

(c) The salaries of stinerant teachers shall be paid monthly, and shall constitute a first charge on the funds of the Committee, (f) Solaries, allowances, and conditions of suppleyment of itinerant teachers are set forth generally in the Department's Circular Letter, No.

III. TRUNNICAL SCHOOL, MULLINGAR

The Committee will provide suitable premises for permanent cleases as Maillinger. Choose will be conducted in English, elementary memberation, and obsence that the contract of the Preparatory Geomes; in manual work, practical multimentation, and mechanical drawings; in commercial subjects, and in democrite economy. The contract of t

- To conduct classes at Mullingar on two nights in each week, in addition to classes at itinerant centres when not engaged at
- To take general charge of the registration of students, and the arrangement of time-tables and classes in the Technical School, Mullinear.
- To be responsible for the equipment of all classes in the Technical School
 To furnish monthly reports of the working of the Technical School to the County Committee.
- to the County Committee.

 5. To supply, through the Secretary to the County Committee, such information and returns at the Department may, from time to time, require.

A duly qualified teacher in subjects of the Preparatory Course will be engaged by the Committee, and a sum of £25 is provided to defray the teacher's salary and other expresses incidental to the classes. Classes in commercial subjects will be conducted on two nights each week by a teacher congard by the Committee.

In order to encourage the attendance of suitable pupils at the Technical School a sum of £50 is provided for the award of Scholarshipa during the present session as follows:---

Class A. Preparatory Course—Twelve Scholarships of 10s, each.

These Scholarships will be awarded to the twelve candidates who obtain
hipselse places at the entrance exeminatees in English, Mathematics, and
brawing.

Class B. First Year of Specialization.—Siz Scholarzhiya of £2 coch.
Those Scholarzhiya will be awarded to the six candidates who elean highest marks at the examination for entrance to Specialized Courses.
Three of the Scholarzhiya may be confined to pupils who attended the

Claze C. Second Year of Specialisation—Pour Scholarships of 43 each.

These Scholarships will be awarded to the four candidates who obtain
highest marks in any three subjects of a First Year of Specialisation.

Conditions

(1) Popils on the roll of a National School are ineligible for Scholkansipp. (2) The Scholkansipp will entire the holders to fire suition at an approximation of the contract the session. Scholkansips will be paid in three installmentations for the scholkansip of the absolute of the subsequent installmentation for the scholkansip of the absolute of the scholkansip of the subsequent installmentation for the scholkansip of the subsequent installmentation of the scholkansipp of the

Preparatory Course satisfactorily,

IV. TRUNCIL CLASSES FOR GIRLS,

Subject to the conditions set forth below, capitation grants at the rate of Subject to the conditions are rotat onesy, captured grants in the rate of £2 per pupil for any number not exceeding tem, and at the rate of £2 per pupil for the remainder of the class, will be paid in respect of the attendance of girls at instruction in laco-making, recobet-making, needlework, springing, embedded, drawn thread week, shirt-making, or such other industrial or domestic subject as may, from time to time, be approved by the Department.

In certain industrial subjects, such as lace-making, a knowledge of drawing is of great value to the worker. Where provision can be made for efficient instruction in drawing, a further grant of 10s, per pupil may be posid in respect of those girls who have qualified for the grant referred to in the foregoing paragraph, and have received not less than forty hours'

(For General Conditions for the Conduct of Classes and Payment of Grants, see the County Cork Schemes.)

V. SCHOLABSHIPS FOR GIRLS,

The Committee will, in June, 1911, award a limited number of Scholar-ships to girls who have received an education equarkent to that of the Fifth Standard of a National School, to enable them to attend a regular course of instruction and training in demestic economy. The object of such Scholarships as to cultivate intelligence and resourcefulness on the part of those bedding them, and to render them more practical in the performance of nome duties of all kinds,

The Scholarships will be of the value of £15 each, and will be tenable at residential schools of domestic training recognised as suitable by the Department of Agriculture and Technical Instruction. Selected candidates will be required to pay a fee of £2 to the managers of the school on or before the date of entrance, and this sum, together with the amount of the Scholarship to be paid by the Committee to the school managers, will entitle consortent to board, residence, and training for one cademic year.

(Kor the General Conditions regulating the Award of the Scholarships and the Conditions regulating the Award of the Scholarships and the Conditions regulating the Recognition of Residential Schools of Doweette Training, see the County Cork Schown.)

VI. GENERAL RESULATIONS.

(See the County Cork Scheme.)

URBAN DISTRICT OF KINGSTOWN.

TROUNDEL INSTRUCTION SCHEME. 1st Amoust, 1910, to 31st July, 1911.

Ohief Industries.

Boat-building, brick-making, and pottery, fishing, painting, carpeatry, plumbing, masoury, plasterees' work, bortbuiltere, and commercial pursuits. Population, 17,377. Valuation, 89,750. Veltse of id. rate, 4239. The local contribution from rates will be paid over to the Committee in August, 1919.

Technical Instruction Committee,

The Committee was appointed in February, 1908, and will cease to hold office in January, 1911. There are mineteen members, of whom ten are Urban District Councillors and nine added members.

Objects of the Scheme.

The objects of the Scheme are to provide in day and evening classes instruction in technological, science, art, commercial, and domestic science subjects, and in horticulture.

Premises.

The Technical School is situated in Ehlama Avenue, Kingstown, and contains ton closer-come in addition to stores, offices, and caretaker's apartments, and a manual instruction workshop in the rero of the hubbles, Instruction in herticalture is given in the Committee's garden at Edea Road.

III. Studentships and Sch. IV. General Conditions.	olarships.					
	A. D.L.	CLACE.				
A. Estimated Income.						£
 Contribution from the of a rate of Id. 	n the £	Distr	ict Counc	financia	roduce l year	
ending 31st Marc	h, 1911)		***	111		900
(2) Students' Fees (3) Subscriptions and I		4.0	Cabalana		0.50	200
Fund	AUDIALION	to	SCHOOLIN	mb aug	L'I'ise	50
(4) Contributions from t	he Densy	tmen	4:	***		
(a) Annual Cont					6850	
(6) Special Con	stribution	for	the i	Persion		
1910-11, in	aid of th	e equ	ripmens e	of new		
premises		111			200	
(c) Grants for					400	
dec.,,	***	•••	***	***	430	1,450
(5) Sale of Books, Class	Material	o hi				80
(6) Examination Fees		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		111		- 6
						_
				Total		\$2,086
						-
B. Estimated Expenditure						6
(1) Salary of Principal	***			***	***	350
(2) Salaries of other teas		***		***		650
(3) Scholarships (4) Prizes		***	***	111	7.7	50 40
(5) Caretaker's wases an	of make of	-46	a labour			155
(6) Fuel, Light, and Cle	onine	Onto	i mooni			80
(7) Rents and Insurance						40
(8) Sinking Fund and I	nteress				111	320
(9) Class Materials and	Equipme	nt (meluding	provisto	es for	
new premises)						2590
(10) Administrative and I		Exp	onnes:			
(a) Clerical Assi					±45	
(b) Printing, St	attonery,	and	Advertis	ing	60	
(e) Postago					20	125
				Total '		£2.100

Norm — Although the expenditure as estimated above exceeds the income by £12, it is expected that by the exceives of drace concern, way selected the body of the exceives of drace concern, way selected the bope that the Committee will endeavour, by the same means, to reserve a sum which might be applied in discharge, in part, of the defirit which resulted in the working of the Scheme in 1930-18.

II. SUMMOTS OF INSTRUCTION.

Preparatory Courte.

Ruglish, mathematics, science, drawing.

Commercial Subjects.

Shorthand, typewriting, book-keeping, business methods, correspondence, commercial English, commercial arithmetic. Languages.

Irish, French.

Mathematics (pure and practical), practical plane and solid geometry.

Science (Pure and Applica).

Building construction, carpentry and joinery, mechanics, chemistry, bygiene, horticulture, and photography.

Handicraft.
Wood-earving.
Domestic Science.

Cookery, laundrywork, dressnaking, hygiene, needlework, housewitery, confectionary.

Art Subjects.

Subjects.
Freehand drawing, model drawing, geometrical drawing, design, modelling, ornamental leather work and marqueteris.

III. STUDENTSHIPS AND SCHOLARBHIPS.

It is proposed to offer ten Studentships to buys and ten to girls, under the following conditions:—

The students selected must be over fourteen and under sixteen years of area, and must be resident in Kingstown Urhan District. They must attend

regularly and puzztually at the course of instruction arranged for them by the Principal.

Each Studentahip will entitle the holder to free tuition in the Technical School for two sessions, and to the free use of the books or tools required in

the prescribed courses.

The Committee will pay four Scholarships out of funds provided by Lord Longiard and Lord De Vessi. Of these Scholarships two are open to competition, viz.:—

One Scholarship in handicraft of £10 a year, tenable for three years. One Scholarship in demestic economy of £10 a year, tenable for two "years.

> IV. GENERAL CONDITIONS. (See the County Cork Scheme.)

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URBAN DISTRICT OF PORTADOWN

TECHNICAL INSTRUCTION SCHOOLS

let August, 1910, to \$1st July, 1911.

Chief Industries: Linen weaving, handkerchief weaving and hem-etitehing, building, corn milling, engineesing, fruit preserving, brick-making. Population, 10,662, Valuation, 229,588, Value of Id. rate, £123. The local contribution from the rates will be paid over to the Committee in October, 1910, and February, 1911,

Technical Instruction Committee,

The Committee was appointed in February, 1908, and will cense to hold office in January, 1911. There are fifteen members, of whom eight are Urian District Councillors, and seven added members. Objects of the Scheme.

The objects of the Soheme ero to provide-

(1) Instruction by means of systematic courses in Science, Art, Technological, Commercial and Domestic Subjects, in Evening Classes, for those engaged in various industries during the day.

(2) Instruction of a general scientific and technical nature for boys

over thirteen years of age in the Day Trades Preparatory School. (8) Instruction for apprentices in the sciences and principles underlying their trades by means of a Day School for Apprentices.

The School is situated in Armagh Road, and contains the following the common Establishment in Armanya naona, and contains the conversage conversage of the control of the control

The Scheme is set out under the following heads :-I. Pinance, II. Subjects of Instruction. III. Day Trudes Preparatory School.

I. FINANCE. A. Estimated Income: (1) Contribution from Urban District Council (the produce of 31at March, 1911) ...

(2) Students' Fees (3) Donations to Prize Fund (4) Contributions from the Department :--(1) From Endowment 405000

(2) Grants for instruction in science, art, etc. (3) Grant towards the maintenance of the Day Tradez Preparatory School (estimated)

(5) Sale of books, cookery materials, etc. (6) Poss for instruction in experimental science of pupils from extern schools (7) Grant from National Education Board for instruction in Cookery to National School children

Total £1,475

Total ... £1,475

	01	•				
B. Esti	mated Expenditure:					£
(1)	Salary of Principal	***				23
(2)	Salaries of other teachers					68
(3)	Prizes and scholarships (even:	ing school	ol only)			5
(4)	Scholarships (Day Trades Pre	paratory	School)	***	**	- 5
(5)	Caretaker's wages					t
(6)	Fuel, light and cleaning	411				6
(7)	Rent, rates and insurance	411				
(8)	Equipment (new and renewals	0	441			
(9)	Class materials	-				8
(10)	Printing, advertising and stat	reamoi				4
(11)	Renairs to premises, grounds,	etc.		***		
(12)	Administrative and incidental	expense	9	***		
(13)	Appropriation to meet the d-	eficit on	the wor	king of	the	
	Scheme in previous Sessions			141	***	3.5

II. SUMPORE OF INSTRUCTION

Preparatory Course:

English, mathematics, drawing, experimental science, and manual training (woodwork).

Commercial Subjects:

Shorthand, typewriting, business methods and routine, book-keeping, commercial Rughish, commercial correspondence, commercial artitinaetic, commercial geography, banking and currency, economics of industry, and commercial law.

Languages: French and German.

Mathematics: Practical and pure mathematics, practical plane and solid geometry.

tailors' cutting, elementary science (teachers).

Science (Perc and Applied):
Carpentry and joinery, workshop practice, chemistry, experimental
science, applied mechanics, machine construction and drawing,
magnetism and electricity, hubbling construction and drawing,
steam, mechanical engineering, electrical engineering, textless

Hundicraft:

Manual training (woodwork and metal work).

Romestic Science:

Cookery, haunday-work, housewifery, plain and fancy needlework, drescrutting, dressmaking, resovations.

Art Subjects:

Freshand, blackboard, geometrical and model drawing, drawing in
light and shade, drawing of common objects, design, perspective.

III. DAY TRADES PREPARATORY SCHOOL.

The Day Trades Preparatory School will be conducted at the Technical School, Portadown. The aim of this school will be to provide for hops over the age of thirteen, who have received an education equivalent to that of the Sixth Standard of a National School, such a course of training as will fit them to enter upon an industrial carver.

The course of instruction shall extend over a period of three years, and will include experimental science, drawing, workshop mathematics, panual instruction, practical geometry, and literary subjects, including one modern language beginds English

modern language beaute Engish.

The Digitarizant will bear the theoretical property and the approved net annual The Digitarizant will bear the theoretical property of the pro tors, unsatisfactory.

> IV. GENERAL CONDUCTIONS. (See the County Cork Scheme).

URBAN DISTRICT OF RATHMINES AND RATHGAR.

TREMSTOLL INSTRUCTION SCHLAR,

1st August, 1910, to 31st July, 1911. Chiof Industries : Commercial pursuits, laundry-work.

Control Industries Commercian pursuits, inungry-work.

Population: 33,002. Valuations, £175,504. Value of 1d. rate, £738.

The local comribution from rates will be paid over to the Committee before the close of the financial year onding 31st March, 1911.

Technical Instruction Committee. The Committee was appointed on the Strd January, 1908, and will control to hold office on the 33rd January, 1911. It consists of fifteen members, of whom nine are Urban District Connections, and six added members.

Objects of the Scheme.

The objects of the Scheme are to provide instruction in commercial subjects by means of a School of Commerce, and in Domestic Economy subjects by means of a School of Domestic Training.

Premisea. The School of Commerce is situated on Bathmines Bond, County Dublin, and contains nine class-rooms.

The Domestic Economy School is situated at Upper Rathmines. Classes are conducted also at pressises in Harold's Cross and Milltown. The Scheme is set out under the following heads :--I. Finance.

II. Subjects of Instruction

I. FINANCE. A. Bitimated Income: I. SCHOOL OF COMMERCE.

(1) Contribution from the Urban District Council (the produce of a rate of id. in the £ levied in the financial year end-ing 31st March, 1911) (2) Contributions from the Department : (a) From Endowment £1,000 (b) Grants for instruction in science, art, ctc. (estimated)

£240 (3) Students' Fees (including unexpended balance from

1909-30) 29.257

(1) Department's contribution fro (2) Department's grant for attend (3) Students' fees and sales	iance (e	dinate	d)	£200 £200 £120	310
			Total		£2,641
. Estimated Expenditure:					
I. School ов	Соми	encs.			40
					404
(1) Salary of Principal			***		1,158
(2) Salaries of other teachers	e and an	***	***	***	1,100
(3) Examinations for school certi		***			52
(4) Caretaker's wages		***			76
(5) Fuel, light and cleaning	***				88
(6) Rents and Insurance			1.11		5
(7) Class materials	***				218
(8) Equipment, including addition	is to lit	cary	111		10
(9) Repairs to premises					20
(10) Administrative and incidental	expens	es :		£50	
(a) Salary of Secretary	***			4285	
(b) Printing, stationery, at	nd adve	rtising	***	£85	
(c) Clerical assistance	111		***		
			1.0	£10	
(e) Deputation expenses	***		1.11		
(f) Sundries				£10	
					200
					£3,251
II. Semes or Do	MESTIC	ROSSON	ev.		
(1) Salary of Chief Instructress				4100	
(2) Salaries of assistant teachers		***	111	£75	
(3) Caretakor's wages				465	
(4) Fool, light and cleaning	***			8.25	
(5) Rent and Insurance	441			€40	
				£10	
(6) Equipment (7) Class materials				£45	
(8) Printing, stationery and adv				4540	
(8) Printing, stationery and adv	ecerating			8290	890
			Total		£2.641
			Youn		22,011
II. Summora of	y Instr	OCTION,			
1) Вспоот от Соминиси.					
Preparatory Course.					
English, Arithmetic and Drav	wing.				

Bankers' arithmetic and algebra.

Languages. French, German. Mathematics. Higher Commercial Subjects.

Advanced book keeping and accountancy, company procedure and accounts, adulting, mercanish for for accountance, commission, commercial geography, precisical banking and finance, mertatille, sullivery signaling and label websidge, work of milway chief differs, rathway economics and geography, rathways and human physiology for insertions articles and the humans hypothogy for insertions articles and the processing of theory and practice, including the law of fire insurance, that are made ultery, practices and law, needlest incurrance prac-

(2) SCHOOL OF DOMESTIC ECONOMY.

Cookery, laundry-work, dressmalring and home sewing, household management, hygiene and sick nursing.

> III. General Conditions, (See the County Cork Scheme).

CONDITIONS OF AWARD OF SCHOLARSHIPS OFFERED FOR COMPETITION BY THE DEPARTMENT.

Form S. 2.
Department of Agriculture and Trummical Instruction for Ireland,
Upper Missision Street, Dubles.

METROPOLITAN SCHOOL OF ART, DUBLIN.
TEACHERSHIPS-IN-TRAINING, 1911.

The Department will offer for competition, at the beginning of the Session 1911-12, three Teachershipe, in-Training tensible at the Metropolitan School of Art, Debkin. One will be open to competition amongst male candidates only, and cose amongst female candidates only; the third will be open to competition amongst both male and female candidates.

calcinates only, and cas amongst female candidates only; the third will be open to competition amongst both male and female candidates. The object of the Teachershipe-in-Training is to encourage capable Art students to undertake such a course of training as will enable them to become Art Teachers.

become Art Teachers.

The Teacherships-in-Training will entitle the bulders to free admission to all the day and evening classes at the Metropolitan School of Art for the Seasion 1911-12; a maintenance allowance of 21s, per week during the Seasion (about forty weeks); and third-class railway fare for one journey to and from Bukhi.

The Unselverships will be awarded partly as the result of an examination, and partly for west ambasited according to the conditions stated below. The examination will be confined to Art splinging, and will be held at the Metropolitan School of Art, Dublin, on Twoslay, Wednesday, and Thursday, the 27th, 28th, and 29th June, 1911.

Candidates must themselves hear any expenses incurred by them in connection with attendance at the examination.

Candidates who have beld Schalarship at the Metropolitan School of Art extending over more than one School Session will not be eligible for the award of Tencherathip-in-Training.

Tenderralps will not be serviced to considere who do not show in the course of the examination that they are capable of taking full advantage of the instruction provided at the Metropolitan School of Art, and in will not be regarded as eligible. In avarding the Renderralps preferease will be priven to confidence who possess the Art Class Tenderre Certical Confidence of the Confidence of the Confidence of the Confidence of the Darwing Certification contains, or the Irish Scondary Tenderre Honour Darwing Certification contains, or the Irish Scondary Tenderre Monour The award will be made on the following conditions :--

(i.) Candidates must be not less than eighteen and not more than thirty years of age on the less September, 1911. The Department may allow a modification of this rule in special cases.

modification of this rule in special cases.

(2.) Successful candidates will be required to furnish a medical certificate of health, an authenticated copy of certificate of birth, and casisfunctory testimonials from two responsible persons.

(3.) Candidates must satisfy the Department that they have had a good

(3.) Candidates must satisfy the Department that they have had a good-general education.
(4.) Candidates must have been form in Ireland, or have been resident in Ireland, for these vesses price to the let Sentember 1911.

(4.) Candidates must have been form in Ireland, or have been resident in Ireland for three years prior to the lat Esptember, 1911.
(5.) Successful candidates will be required to prepare, in conjunction with the Heckmaster of the School, a scheme of story; and to admit it for the Department's approval. They will be required to devote their

for the Acquirement's approvat. she'y will he Neglited to devote Bidd's whole time to the work of this factorie; to stlend registery and generality: the Metropolitian School of Art. They must be prepared, if required, so part of bluir staning, to maderithe south work as teaches as the Headmanter may preserve, the proposed of the proposed of the standard of the sta

will depend upon the ability and application above by the student during the previous Session, and on the scheme of study proposed by the student when upplying for a renewal for a second Session.

(2.) The Department reserve the right at any time to determine, without notice, my Tencherabin puon being attified that its continuous is for

any reason undesirable.

(8.) The decision of the Department in all questions arising in connection with Teacherships shall be final.

(2.) The Department do not undertake to employ Teachers, nor to find employment for them, at the dose of the period of training. The names of the candidates must be forwarded, on Form S. 3, so as to reach the Offices of the Department not later than the 29th April, 1911.

Applications for forms are regarded as applications and algith, pair, the camination. Only those candidates who present an efficient elegant of the form of application will be admitted to the examination complete the form of application will be admitted to the examination complete. Form 6.3 any be admitted that I as Pairway 1911, upon compaction to the Servetery, Department of Agriculture and Technical Engineering Complete (and the Complete of the Servetery Application to the Servetery Department of Agriculture and Technical Engineering Complete (and the Complete of Agriculture and Technical Engineering Complete of Agriculture and Technical Complete of Agriculture and T

SUBJECTS OF EXAMINATION.

The subjects and time-table of the examination will be :-

Kildare Street, Dublin.

First Doy, Tuesday, June 27th—
10 a.m. to 2 p.m.—Drawing from the Antique. (100 marks.)
3 to 5.30 p.m.—Model Drawing. (50 marks.)

Second Day, Wednesday, June 28th— 10 a.m. to 1 p.m.—Drawing in Light and Shade from a Cost.

(50 marks.) 2 to 5 p.m.—Drawing, or Modelling, Design. (100 marks.) Third Day, Thursday, June 29th—

11 n.m. to 1.30 p.m.—Principles of Ornzment. (100 marks.)
2.30 to 4.30 p.m.—Perspective. (30 marks.)
4.43 to 5.45 p.m.—Drawing on the Blackboard. (50 marks.)

For syllabuses of the subjects of examination, see "Syllabuses and Lists of Apparatus" of the Board of Education, to be obtained (price 4d.), either directly, or through any bookseller, of Mr. E. Ponsonby, 116 Grafton Street, Dablin.

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In order to encourage Art students to devote much attention to what should be the primary aim of their higher instruction, namely, the application of their skill; experience, and good tests to works requiring more time and care than the ordinary conditions of an examination room permit, marks, to a maximum of 235, will be awarded for works of the same character so those proposed for the Irish Secondary Teachers' Honours Drawing Certificate. (See astract below.)

With to be submitted for the competition must be delivered at the

Mctropolitan School of Art, Dublin, on or before Saturday, the 36th June, 1911: They should be addressed, "The Register, Metropolitan School of Art, Dublin," and should be operatelly marked, "Works, Teacherships-in-Training."

Extract from Circular 16 (Irish Secondary Teachers' Drawing Certificate).

(1.) "An imperial about of three designs, hased on a study in colour of a growing plant. The plant should be drawn from nature simply and directly—not pictorially represented. Such details of the plant as the student may reject for the purposes of the designs should, if required, he drawn separataly.

The designs must occupy, in a decorative way, a square, a circle, and an oblime, one being in memochrome, one in two colours, and one in polyethrome. At least one of the designs must be executed in holy colour t tempors. In each cast the plans must be not merely applied to the given space, but treated in accordance with decorative conditions. (2.) "A modelled study of a flowering plant, with three distinctly different (3.) "A modelled study of a flowering plant, with three distinctly different modelled designs for patterns haved on it. Each of these three different

processes of manufacture. The process and material for which is is intended must be named on could design. The four studies to be on a panel 30 inches by 22 inches. (3.) (c.) "A shoded drawing of a complete human figure from the Antique

or from Life; or (b.) "Shaded drawings of a head, hand and foot, from the Life, full size; completely finished in peneri, chalk, or hrush in mono-

(c.) "A modelled figure in the round, 30 inches high, from the Antique or from Life; or (d.) "A modelled head, from Life, full size."

Form S. 334

DEPARTMENT OF AGRICULTURE AND TRUENICAL INSTRUCTION FOR ISBLAND, UPPER MERSION STREET, DURING

ROYAL COLLEGE OF SCIENCE DURING SCIENCE AND TECHNOLOGICAL SCHOLARSHIPS, 1911.

A limited number of Scholarchips and of Teacherships-in-Training, tenable at the Royal College of Science, Dublin, will be offered for competition among Students of Science and Technology in 1911.

The Scholseships are of the value of £50 per samum and, in addition, entitle the holder to free instruction during the Associate Course, and third-class railway fore for one journey each session to and from Dublin.

A Tenchership-in-Training entities the holder to free impruntion during the Associate Course, a meintenence allowasco al Six per week for the section of about forty weeks each year, and third-class railway fore for one journey

each session to and from Dublin. काला हैद Candidates awarded Teacherships-in-Training will be required to enter into an undertaking that they will pursue the full Associate Course, with a view to becoming Teachers of Sesence in Ireland, and that, in the event of their leaving the College before obtaining the Diploma of Associateship, they will refund to the Department the sums pard to them as maintenance allow-

ances and expenses of travelling. The Associate Course extends over three years, and the College Session lasts

from the beginning of October until the end of June each year, Holders of Scholerships and Teacherships in Training will be required to devote their whole time to the work of the Associate Course, to comply with the Regulations of the College, and to pass the examinations required for the Associateship. The continuouse of the Scholarship or Heachtrakip in Oraining for a second one third-ression will depend upon the ability and application which the Student has shown during the previous session or sessions at the College, Condidates for Scholarships and Teacherships in Training must be not less than sixteen nor more than thirty years of age on the let June, 1911. Holders of Royal Exhibitions or National Scholarships, and present or past Students of the Royal College of Science, are ineligible as candidates.

Candidates must have been been in Ireland, or have been resident in Ireland

for three years prior to the 1st June, 1911.

Candidates will have to satisfy the Department as to their knowledge of English and of one other language (Greek, Latin, Irish, French, or German). In these subjects a pass in the Middle Grade of the Intermediate Education Board's Examinations, in the First Arts Examination of the Royal University of Ireland, or the equivalent of these, will be accepted as satisfactory. Those randidates who cannot thus satisfy the Department as to their knowledge of the qualifying subjects will be examined on the Pass Courses for the Middle Grada of the Intermediate Education Board's Examinations of 1911. The competition will be confined to Mathematics, Experimental Science

and Drawing. The Syllabon in Mathematics will be the Honours Courses in Arithmetia. Geometry, Algebra and Trigonometry for the Senior Grade of the Intermediate

Education Board's Examinations of 1911

In Experimental Science cambidates will be allowed the choice of one of the following subjects of the Special Courses of Experimental Science of the Department's Programme for Day Secondary Schools :- Physics, Chemistry, Mechanical Science, Botsay, Physiology and Hygene. The exemination may, however, include any of the work of the Two Year Preliminary Course, The Syllabus in Drawing will be the First and Second Year Syllabuses of the

Programme for Day Secondary Schools NOTE .- Text Books, other than those referred to in the Svilabuses, are not prescribed for the exeminations.

The examination will be held in Dublin on the days and at the hours shown Tucsday, 27th June .- Mathematics (First Paper), 16 s.m.-1 p.m.; Experi-

mental Science (Written Examination), 2 p.m.-6 p.m. Wednesday, 28th June .- Mathematics (Second Paper), 10 a.m. I pem p Experimental Science (Practical Examination), 3 p.m.-6 p.m.

Thursday, 29th June .- Drawing, 11 a.m. - 2.10 p.m.; English, 3-5 p.m. Friday, 30th Jone,-Greek, Latin, Irish, French or German, 10 a.m.-l p.m. Candidates must themselves beer any expenses incurred by them in con-

nection with attendance at the examination. Scholarshape or Teacherships-in-Training will not be awarded to envelopera who do not show in the course of the examination that they are canable of taking full advantage of the instruction provided at the Boyal College of Science Candidates with physical defects of voice, sight, or hearing, will not be regarded as eligible for Teacherships-in-Training.

Successful candidates will be required to furnish a Medical Certificate of Hoslith, an authenticated copy of Cartificate of Birth, and astisfactory testimonials from two responsible persons.

The Department reserve the right at any time to determine without notice a Scholarship or Teachership-in-Traming, upon being estisfied that its continuance is for any reason undesirable.

The decision of the Department in all questions arising in connection with the Scholarships and Tescherships-in-Training shall be final. The Department do not undertake to employ Teachers, nor to find employ-

ment for them, at the close of the period of training. Applications for admission to the examination must be made not later than

the 19th April, on Form S. 24, copies of which may be obtained, after the let Fobruary, 1911, upon application to the Secretary, Department of Agriculture and Technical Instruction for Ireland, Upper Merrica Street, Dublin, or to the Registrar, Royal College of Science, St. Stephen's Green East, Dublin.

Applications received after the 25th April will be too late for consideration. Applications for Forms are not regarded as applications for admission to the examination. Only these esadidates who present an official acceptance of the Form of Application will be admitted to the Examination Room.

DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR INCLAND. Urpen Mession System. Director.

Under Revision.

Form S. 190.

INDUSTRIAL SCHOLARSHIPS, 1910.

The Department will, in August, 1910, award not more than ary Industrial Scholarships to persons engaged in industries, such as the Woolles, Linea, Lewther and Tunning industrice

The object of these Scholarships is to enably selected persons, who must already bave been engaged in one of the higher branches of the undustry, to take a full course of instruction in an institution providing special courses of an approved Candidates will be required to show that there is a reasonable expretation of their being able to find suitable employment in the industry in Ireland after the termination of their Scholarships

The Scholarships will be tenable at some higher institution, to be approved by the Department, in which the industry, and the principles underlying it, are taught. They will be of the value of \$80 each, and may be renewed for a second or a third year at the discretion of the Department.

The Scholarship holders will be relected by the Department on consideration of the qualifications and experience of the applicants. Candidates must have been been in Iroland, or have been resident in Iroland

for three years immediately preceding the lat July, 1910. Certificates of good character will be required from all applicants, and selected cardidates will be required to produce a medical certificate of health and an authenticated copy of sertificate of borth.

The decision of the Department in regard to the selection of candidates, or to say other question arraing out of these Scholarships, will be final. Condidates must fill in and return, addressed to the Secretary of the Depart

ment, not later than the 30th June, 1910, Form S. 191, copies of which may be had on application.

Under Revision. Form S. 194. DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR INCLAND. UPPER MERRION STREET, DUNCTE.

COMMERCIAL SCHOLARSHIPS, 1910.

The Department will, in August, 1910, award not more than an Commercial Scholarships to young men having a sound general education, and some commercial experience.

The object of the Schobrahipa is to afford facilities for the holders' obtaining training in some higher Institution, approved by the Department, with a view to their employment as teachers of Commercial Subjects in Ireland. The Scholarships are of the value of £100 each, and are tenable for two years. The Department, however, reserve the right to determine a Scholarskip at any time within this period upon being satisfied that its continuance is for any reason

The Scholarship holders will be selected by the Department on consideration of the qualifications and experience of the applicants

Candidates must be at least twenty-one years of age on the 1st July, 1910, and must have been born in Iroland, or have been resident in Iroland for three years immediately preceding the 1st July, 1910.

Successful candidates will be required to enter into an undertaking that they will engage in the teaching of Commercial subjects after the termination of their Certificates of good character will be required from all applicants, and selected

esadidates will be required to produce a medical certificate of health and an suthenticated copy of certificate of hirth The decision of the Department in regard to the selection of candidates, or to

say other question arising out of these Scholarships, will be final Candidates must fill in and return, addressed to the Secretary of the Department, not later than the 30th June, 1910, Form S. 195, copies of which may be had on application.

Form 8, 196

Under Resision DEPARTMENT OF AGRICULTURE AND TRUBBICAL INSTRUCTION FOR TRILLAND.

UPPER MERSOON STREET, DUBLES.

TRAINING OF TRACHERS OF CROCHET-WORK AND SPRIGGING

The Department will, in September, 1910, award not more than three Scholarships, tenable at the Training School for Lace and Sprigging Teachers, Enniskillen, to girls having a satisfactory general education, and some proficiency in Crocheswork or Sprigging.

These Scholarships are granted to enable the holders to secure straining as teachers of Crochet-work or Springing. The Scholarships will be of the value of £35 each, and will be tensible for one

year. The Department reserve the right to determine a Scholauship at any time upon being satisfied that its continuence is for any reason undesiral Bach candidate for a Scholarship will be required to submit to the Department with the form of application, specimens of her work in either Crooket-work or

Sprigging Should the work submitted be regarded as of a satisfactory standard, the

in English, Arithmetic, Drawing, and Crochet-work or Sprigging. The Scholarship will be awarded as a result of the examination. (Not more than one Scholambip will be awarded in the case of caudidates from any one County.) The examination will be held at the Metropolitan School of Art. Dublin, and

at the Technical School, Ennishillen, on the following dates:--Dublin: English, Arithmetic and Drawing, on Wednesday, 21st September,

Crochet-work or Sprigging, on Thursday, 22nd September. Enniskillen: Croobet-work or Sprigging, on Turaday, 29th September. English, Arithmetic and Develog, on Wednesday, 21st September. Candidates will be required to defray their own expenses in attending the

Condidates must be at least 20 years of age on the 1st September, 1910, and must have been born in Ireland or have resided in the country for three years immediately preceding that date.

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Two Cartificates of good character will be required from all applicants, and selected carabitates will be required to produce a medical certificate of health and an artificationed open of certificate of hirsh.

The decision of the Department in regard to the selection of candidates or to any other question arising out of these Schokerbips will be final.

any center question arising out of these Scholzenhips will be final.

Applicants must fill in and return, addressed to the Scerchary of the Department, Form S. 197, captes of which may be had on application, together with specimens of work in Ocechet or Springing. (Two specimens of finished work.)

and two specimens of work in programs should be furnished.)
Only those applications received at the Offices of the Department by 12 nosa on Monday, Repéculor 12th, can be taken into consideration.

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RESULTS OF COMPETITIONS FOR SCHOLARSHIPS OFFERED BY THE DEPARTMENT DURING 1910.

SCIENCE AND TECHNOLOGICAL SCHOLARSHIPS AND TEACHER-SHIPS-IN-TRAINING.

At the annual examination held on the 28th, 29th and 30th Juce, 1910, for Science and Technological Schelarships and Tomberships-in-Training, receable at the Royal College of Science, Dublin, fifty-five condidates presented thumselves.

Five Scholerhips and five Tosohomhips-in-Training were open for competition this year, and those were awarded to the following cardidates, whosenames are given in order of merit-

Scholarsking

Mr. James Nagle, Christian Brothers' Schools, Youghal.

Mr. Martin Keedy, Christian Brothers' Schools, Cook. Mr. Joseph Bradley, Mountjey School, Dublin.

Mr. William Campbell Perry, The Arademy, Ballymena. Mr. Thomas A. Casey, Waterpark College, Waterford.

Touskerskips-in-Transing.

Mr. Denis B. Harte, Christian Besthere' Schools, Cork.

Mr. Louis Roy Turner, Educational Institution, Dundalle, Mr. James J. Smith, City of Dublin Technical Scinesis, Dublin, Mr. John T. Grey, Christian Brethern' Schools, Cork.

Mr. Bernard O'Nelli, Christian Brothem' Schools, Cork.

INDUSTRIAL SCHOLARSHIPS

There were twenty four applicants for the six Industrial Scholarships offered for competition in 1910, but only two were awarded, the excessful applicants being :--

Mr. Charles H. Leiand of Draghada (Linen Manufacture). Mr. Henry K. C. Weir of Convoy, Co. Denegal (Weolles Manufacture).

The following Scholarships in Woollen Manufacture were renewed for the Sanion 1910-11;---

Mr. John P. Twobig, awarded in 1908 and renewed in 1909. Mr. George S. Hunter, swarded in 1909.

Mr. George S. Hunter, awarded in 1909. Mr. Francis H. Crowley, awarded in 1909.

Three of the Scholarships in Woellen Manufacture are being held at the Leads University, and one at the Central Technical College, Galeablein; the Scholarshipin Lines Manufacture is being held at the Municipal School of Technology, Manufacture.

COMMERCIAL SCHOLARSHIPS

For the Scholarships officerd for competition in 1910, there were one headred and sixteen applicants. Scholarships are being hald at the Leadon Schoo, 41 Bornomics and Political Science (University of London), by the fellowing,— Mr. Patrick W. Bryan of Bray, Co. Wicklow.

Mr. George J. T. Clampett of Renelson, Dublin. Mr. Maurice J. Glennon of Drumcondra, Dublin. Mr. Francis McBryan of Omagh.

Mr. Timothy J. McCornack of Tipperary. Mr. Jearph A. McCollough of Newry. Mr. John McGuigen of Armagh.

Mr. Bernard F. Shields of Doblin.

SCHOLARSHIPS IN CROCHET WORK AND SPRIGGING. Nineteen candidates competed for the three Scholarships offered for the pur-

pose of training teachers of Crochet-work and Sprigging which were awarded Stholarships in Crocket-work. Miss Mary J. O'Brien of Bandon, Co. Cork.

Miss Maggie Martin of Clones. Scholarship in Sprigging. Miss Bridget McMenamin of Bellyhofey, Co. Denegal,

TABLE I.

Table abowing by Courtes the Amounts Allocated from the Department's Endowment and from Local Rayes for the purpose of Thomsteel Instructions in Now-Agricultural Surgeon. Academic Year, 1st August, 1909, to 31st July, 1910.

Names of Countins, Urban Districts and County Boroughs	Total Allecation.	Armal Contribution from Department's Endowneon.	Special Grants from Department's Endowness.	Contribution from Local Bates
LEINSTEB.	s e. d.	8 s. d.	S 2. d.	8 4 4
Course Cangon } Custow Urbun District, . }	015-14-5	650 e o	-	295 16 5
County DURIN Becknock Urban Dirtrict, Eingstewn, Pentscole, Billinnices and Bethgar Urban Dautrice,	749 0 0 684 4 0 1,150 0 0 8,278 9 0 1,997 9 0	690 0 0 509 0 0 860 0 0 1,250 0 0 1,250 0 0	Ē	310 0 0 184 4 0 300 0 0 1,028 9 0 747 0 0
DUBLES COURTY BOROUGE .	12,706 18 2	10,205 18 2	-	*8,500 0 0
COUNTY KRUDANE; Athy Urban Datrict Near,	1,116 15 4	500 0 9	100 0 0	516 33 4
COUNTY KIRGGEST . } Kilkertey Urben Dutriet, }	1,449 0 3	809 0 0		610 0 0
Results Coursery: Rier Unbern District, Tollorscom,	97E 3 0	550 0 0	52 16 4	362 6 8
Corner Lesseron Gressei Urben Drittiet, }	550 0 8	610 0 0		149 9 g
Courser Louis: Dundalk Urban Dutrest,	924 0 0	T20 0 0	-	224 0 0
Deoglards,	799 6 9	500 0 O	-	100 0 0
COUNTY MEACH: Kells Urlass Dutriet, Navan	692 T 7	450 0 0	-	343 7 7
QUEEN'S COUNTY :	925 1 0	490 O D	- 1	468 1 0
COUNTY WESTMESTE:	776 0 0 450 0 0	450 0 0 400 0 0	1	125 0 0 10 0 0
COUNTY WEXFORD : Deriverthy Urban District, New Hose Worklood,	728 0 0 454 0 0 282 5 11 676 13 33	100 0 0 100 0 0 100 0 0 500 0 0	150 0 0	378 0 0 34 0 0 38 5 11 76 13 10
COUNTY WEEKLOW }	875 14 0	550 0 0		225 16 0
Boy, .	(29 9 9	490 0 0	-	120 0 6
Totals for Leizster,	32,548 4 9	11,806 18 2	352 16 4	10,555 10 3

^{*} Contributions for the fannaial year ended flot March, 1910.

Takin showing by Counties the Amounts Alaboutes, &c .- continued,

Numes of Counties, Urban Districts and County Recoughs.	Allo	otal mile		Court	rock	rost)	Special Grants from Department's Endownment	Local	box	
MUNSTEE.	٤	,	. 4.	£		. 4.	8 4, 2			d
COUNTY CLASE: Earn Urben Dedrot, . Kilrush,	30		10	66	0 (0	-	23	, :	10
COUNTY CORE: COUNTY CORE: COUNTY Urban District Fermory, Kinside, Marroom, Marroom, Marker, Middeton, Middeton, Middeton,	4,400	5 14	1 10	5,10	5 0	. 0		2,86	8 10	1 10
Youghal, Quecuitowa,	441			971						
COOK COUNTY BOSCOSH	8,188			73,411		3		*71		
CDENTY KERRY Killamey Urban Desirint, Latowel Traise,	1,144		9 7	766 520		0	30 0 0	646	16	9 7
COURT LOUBLES	645	0	0	490	0	0		251		0
LIMINOUS COUPTY BOROTON: .	1,699	10	9	*1,806	11	5	-	290	20	1
COUNT TEPPERART (NORTH RIGING); Nemath Urban District, Templemens,	1,057	1	5	660	. 0		-	397	1	9
ORNEY THYESARY (SOURS) REDUYO) Carriek-us-Suz Urban District,	161	3	2	690	0	0		441		2
Cashel J.	600	4	11	585	۰	0		76	G	11:
Tipperary Joint Urban and Journ Districts,	719	s	0	400	۰	0		269	8	0
COUNTY WATERFOOD Dungaryon Urban District, }	1,074	1		500	0	0		524	1	0
WATERFORD COUNTY BOADGER:	1,098	1	7	*847	10	11		*274	1	8
Totals for Number.	18,241	16	8	11,787	19	4	20 0 0	6,425	17	4

^{*} Contributions for the Saancial year coded 51st March, 1910.

Table showing by COUNTRS the AMOUNTS ALLOCATED, &c.-continued.

Names of Countain, Urban Districts and County Boroughs.	To Allon	tal	e.	Ana Contait for Departs Endow	esti- es men	r's	Spenn) Oparts from Department's Endowment.	Contr fp Local	222	
ULSYER.	2	,	a.	1	ě.	d.	8 1. 1.	£	1.	d
COTNEY ASYLES	150 645 784	ō	0	200 220 210	0	000	=	155	0 0	
Crevoldergon Urban Dodred, . Large,	253 455		3	215 300		0	-		111	
DESPRIE COUNTY BOXDERS : .	17,668	4	7	*13,08	1.8	4	-	*0,900	16	
COUNTY ARMSEE: Armsgh Urbsq District, Luzgeo Portsdown,	500 617 707 610	5	1	220 150 1500 500	0	0	Ē	87	5 1	
Corner Cavan : Belturbet Urban Desinel, Cavan Coetchell,	767	۰	1	480	0	0	-	307	7 0	
COUNTY DONDOLL!	138	14	0	414	0	0	-	33.0	5 24	
ODDRY DOWN: Bankridge Urben Diskrit, Dangor, Holywood, Newry, Nystewneds, Warrepost,	579 500 397 230 725 503 102	12 10 0	10	250 250 250 200 600 600 10	00000	0000	500 0 0	137 36 120 54	0 0 0 0 7 18 0 10 5 0 5 8	,
Course Francesca: Ensulation Urban Betrict,	- 800	0	0	600	0	۰	- 1	400	0	
Courser Louisinesser, . Lamvedy Urten Detnet,	1,007	13	0	514	0	0	134 0 0	231	12	
Coleratio , .	504	0	0	600	0	0		164	4 0	
LEGIOGRAPHY COUNTY BOSCOS	1,683	14	8	1,263	14		-	*480	0	
COUNTY MONAGERN: Meaughon Urban District, Carticolaymey, Cimchinecross, Clouds,	756	2	1	425	0	0	-	311	. 2	
COCKET TERRIES COOKSTOWN Urbus District, Designment, Oungle, Strakene,	> 1,425	2	0	- 850	0	0		671	3 7	

Totals for Ubics, . 01,806 1 9 22,085 2 0 204 0 9 10,409 29
* Contributions for the founded year ended 3146 Merch, 1990.
† Includes \$100 contribution to opparate scheme for gath.

TABLE showing by Courses the Amounts Allocates, &c .- continued.

Names of Countins, Urban Districts and County Boroughs.		To		n.	Costs	on	tade ork's	Special Greats from Department's Englowment	Contribution from Local Bates.
CONNAUGRY.		4		d.	2		. 4.	8 4.4	5 4 4
COTHET GALWAY : Bullimonics Urban District,	}	1,743		0	801		0		94P 2 g
Galaxay, ,,		801		4	651	0	0	-	121 0 4
COUNTY LITTLES:		600	0	0	300	0	0	100 0 0	200 0 0
County Mayo; Castlebur Urben District, Westport,	}	176	18	7	350	0	0	-	302 18 7
Созити Возопинот: .		750	0	0	450	0	0	- 1	800 p g
County Samo :		470 640			250 550		0	-	200 0 0 90 0 0
Totals for Connaught,		5,780	0	22	3,410	0	0	100 0 0	3,873 0 11
TOTALS FOR NUMBER, . TOTALS FOR ULBERS, .		12,519 18,249 11,656 5,785	16	9 9	\$1,906 13,797 23,095 5,430	19	8 4 6 0	39 0 0	10,588 to 3 6,425 17 4 10,426 19 3 3,373 0 11
Toraze for Indiano, .		88,411	4	1	58,200	0	0	816 16 4	29,514 7 8

Last of Technical Schools and Science and Art Department during the Financial Year, 1st April, 1909 Academic Year, 1st August, 1908—81st July, 1909.

		Pespec	story Course.	Spenst	and Courses
School No.	Name of School.	No of Stockests to response of whose graphs were post.	Amount of Great.	Sn of adornous sn hispool of hispool places man page	Amount of Grant,
	LEINSTER.		2 c. d.		£ 1. d.
5611 5248 5163 5468 5041	Ob. DTMAN Sulfstrian Technand School, Shakireki Technand School, Skingtown , Manasyal Technical School, Kingtown , Manasyal Technical School, Jachannes School of Onumero, Jacqueod , Peninoula Technical School,	18 83 — 18	8 7 5 39 8 9 32 12 3 — 21 1 2	57 67 182 106 98	90 17 2 145 10 9 144 13 6 191 6 7 117 4 9
62.45 6000	Co. Bottoving by Director: *Christian Ecotions' Novelaste, Marno, City of Debits Technical Schools:	58	57 10 2	*106 556	58 15 7 1,489 9 8
6295 6148	Co. Kilmans: Athy: Technical School, Nama: Technical School,	2 3	1 1 10 2 4 5	5 5	5 16 8 4 19 7
6607	Co. Kulkerry; Kilkerry: City Technical School,		0 15 4	27	40 18 1
6009 6008	Kinera Cornery : Ber ' Technical School, . Tullature ' Technical School, .	8 6	1 18 7 2 5 4	29 25	16 3 3 31 19 7
6414 6415	Co. LOUR: Dropheds: Marsequal Technical School, Dendalk: Marsequal Technical School,	18 10	26 0 0 14 11 1	76 58	131 0 4 75 1 4
0224	Co MEANI Navon Technical School	10	2 23 9	32	84 5 0
6917	Queen's County. Marytorough; Toolspinal School.	12	6 2 10	30	21 10 4
6565 6566	Co. Warristown . Athlore : Technical School, Mullingar : Technical School,	4 7	3 5 0 5 5 7	6 8	3 0 7 9 7 2
6480 6793 6367	Co. WEXCHOLD: Enuscectity: Technical School, New Ross: Technical School, Wexfort: Musicipal Technical School,	4 12 3	5 10 5 11 6 3 3 29 9	5 9 96	8 17 10 4 19 6 49 15 4
0407 0407 0702	Co. Wicksow: Arklow: Technical School, Ersy Technical School, Wicklow: Technical School,	13. 37 3	15 13 0 54 19 3 14 11 1	16 19 37	25 3 2 22 3 1 25 19 7
	Touss for Lawrence	275	305 12 1	1,561	L/934 18 0
	MURRIER.				
5603 5706 5700	Co. Cone Sullyweare Technical School, Benders Technical School, Benders Technical School, Charleville Technical School Consider, Technical School Consider, Technical School	_ 1 _ 6	0 7 4 - 5 8 10	9 2 5 8 14	18 4 4 17 5 4 1 18 9 8 8 2 18 18 3

* Trillaring College Chesses studer Section VI.

П.

Schools and Classes showing the Grants made by the -31st March, 1910, in respect of Instruction given during the

		rotat.	1	res" Classon.	Apprest	n' Classes.	Teache	t of Art.	School
Schoo	tal mk.	Tot Ges	Frent VB of Stoodnasts Strongest Of UK on greats West paid	Amount of Street.	No. of Students	Amount of Grant	No. of Students	Amount of Great.	No. of Stolents
	n di			2 s. d.		2 1. 4.		s r. d.	
5511	4 39	98	61	-	- 1	-	-		- 1
6163	4 11	4539	217	Ξ	=	90 18 9	13	Ξ	Ξ
6208	6 7	191	116	-	-		- 10	_	-
9941	5 11	238	116	-	-	-	- 1	-	-
614	15 7	58 : 1,523 :	168 681	-		N 15 0	- 17	=	=
601	14 10	2,000	102			32 13 0	"		
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0667	16 1	18 1	20	-	-	-	840	-	-

of the Regulations for Technical Schools, $\delta c.$

TABLE II.—LIST OF TECHNICAL SCHOOLS AND SCIENCE

		Prepar	story Course	Special	ted Commo
Stheel No	Name of Select.	Service Servic	Amount of Oreal	Stanfords Services of 6.3-15 patros were peak	Amount o
			8 s. d.		8 4 4
	Co. Conc-continued.				
0071 0004	Describe Technical School,		-	7	14 8 10
6551	Demmarksy: Convent of Charley, St. Mary's	-		18	54 7 11
6615	Fermay - Trainment School, Kansale d'Tochracul School,	- 2	1.10 5	29	4 13 1
4000		- "		94	32 4 1
67.66		-	-	15	23 9 1
6758	Mitchelstown . Treinzenl School,			1	0 7 1
6659	Passage West: Technical School,	-	-	- 4	11 19
6250			-	73	201 3 1
6502	Sinbheren . Technical School,	-		5 23	15 14 16
				20	6 11 8
6610	Youghol . Technical School,			15	41 3 8
	Co. BORDUSH OF CORN				
6660	Crawford Municipal Technical Institute, .	_	_	397	197 5 9
EDGS.	"Presentation Scothers Training College, School of Commerce.			*35	31 2 4
1333	86. Vinerat's Correct Xallord School	24	07 17 0 —	314 35	372 34 11 57 0 5
	CO KIRKY:				
0714	Desgle : Technical School.				2 0 10
66.50		-	-	3	9 19 18
6971	Teslee : Cesses I Trempes I School,	16	RF 15 3	41	83 13 7
9330	Co. Bonoven of Lineaux: Municipal Science, Art and Technical School,	42	55 6 3	208	404 0 2
	On Treeman				
6652	Carrielloss Sufe Technool School	- 1	_ 1	7	17 19 4
6004		3	3 6 P	79	100 9 0
5326		18	34 15 11	24	150 19 4
6116	Thurles Presentation Convent,	-	- 1	22	47 2 6
****	Tippenuty Technical School,	6	10 T P	24	33 3+ 6
(A)9	Co. Warranoup Descrives Technical School				
0998				15	90 2 0
5810	Westween Treitzien! School,		- 1	4	4 3 3
	Co. Besover or Waynerous				
1477	Central Technical Institute,		3 1 3	73	146 16 1
001¢	De La Salle Training College,	-	-	+300	585 17 5
	Totals for Municipal,	124	109 15 8	1,581	3,899 3 0
	ULSTER.				
	Co."Antruce				
\$3.58	Bellymeun 4 Marangal Technical School, .!	26	49 15 11	371	457 22 4
		27	56 1 4	135	305 11 4
8232	Carrickfergen Technical School, Large Technical School,	11	20 27 12	44	111 5 7
		11	20 17 11	114	339 3 3
	Co Regards of Brigher.				
72:27	Municipal Technical Institute,		696 7 10		2,646 19 9

* Training College Classes under Section VI.

AND ART SCHOOLS AND CLASSES-continu

8chec	of Art.	Teacher	n' Chases.	Assent	out Classes.		Potni.	
No of Students	Amount of Court	No. of Students	Amount of Graph	No. of Students	Ameent of Spart.	of Stockers in Respect of wise as grants were paid.	Total Grant.	Selato Xo.
	£ 1. d.		£ 1. 6.		£ 1. d.		£ 1. d.	
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				-	-	24	52 4 10	6600
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	-		-		_	1 2	11 19 4	6691
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500	5.100 5 10	-0	91 5 0	11	19 7 19	5,100	0.000 4 0	6227

TABLE II.—LIST OF TECHNICAL SCHOOLS AND SCIENCE

330

		Propas	intory Comuz.	Spenal	mod Correct
School No.	Name of School.	for polyments for not-post of with m greats Beer jabl	Omnt.	Planieres In perpeta of whom practs were paid	Amount of
			6 0 0.		£ 0, d
6397 9338	CO. Amesin: Armagh: Munacipal Technical School, Armagh: Natural History and Philosophical Sporty's Art Class.	_10	33 P 4	68	103 9 1 8 17 1
6633 6367 6574	Largen Convent of Our Ludy of Merry, . Largen Murerpal Technical School, . Portudown Hazangal Technical School, .	18 28 8	30 15 1 91 19 8 11 6 4	28 97 66	79 19 8 75 13 8 104 10 8
6582 6587 6572 6544 6945 6748	Gs. Doys: Stathwise: Technical School, Engage: Technical School, Engage: Technical School, Engage: Technical School, Newry: Municipal Technical School, Newry: Municipal Technical School, Wagnerpeast: Municipal Technical School, Wagnerpeast: Municipal Technical School, Wagnerpeast: Municipal Technical School,	93 18 6 30 22 0	67 17 1 19 12 5 10 2 9 46 4 10 81 16 1 8 16 11	28 41 34 86 25 10	62 9 11 38 16 9 66 13 8 183 15 11 36 6 5 11 9 10
G872	Co. Figurations Engelsden : Technical School, 3		- 1	14	9 12 2
6036 6863	Oo, LOSDONUSERT: Orieruss: Technical School, Magherafelt , Technical School,	14 31	36 7 6 89 17 10	75 88	165 8 10 36 16 7
6097	Co. Bosover or Lorperturat Manerpol Technool School,	48	62 18 0	197	F 296 18 6
6391 6581 6797 6708	On Tracer: Codesiewn Technical School, Dragatiner Technical School, Oringh Technical School, Oringh Technical School, Stenlesse: Technical School,	81 17 19 89	35 6 5 18 12 4 30 10 7 46 7 2	50 52 30 35	17 18 6 85 10 4 48 9 10 53 11 10
	Toyans for Ulgyer,	946	1,301 3 20	2,447	5,281 10 0
	CONNAUGHY.				
3000	Co. Garway : Helfmusion Technical School, Only of Gabray Technical Institute,	4 7	4 13 9 4 6 7	2 12	5 1 10 5 5 5
6763	On. 81200 8hgo: Municipal Technical School,	4	4 5 2	99	93 1 11
	TOTALS FOR CONSULTINES,	15	15 5 6	73	100 9 0
	Toward FOR LEINSTER (\$4 Schools), .	275	305 12 1	1,561	1.984 18 D
	TOTALS FOR MURRITHE (16 Schools),	174	109 15 8	1,381	L809 3 0
	Torage pos Uterres (24 Schools)	944	1,310 3 10		LSS1 10 0
	TOTALS TOS CONNATORE (S Schools).	25	13 5 6	72	200 9 0
	Torona ros Ingland (87 Selecta).	1,350	L879 17 1	6.581 1	1,256 0 9

AND ART SCHOOLS AND CLASSES-continued.

Selan	Att. 30 ft	Tesebo	es" Classes.	Appress	ices" Clauses.		Total.	
No. of Stadeote	Amount of Grant,	No. of Stradents	Amount of Great.	No. of Stadents	Amount of Genel.	T only of property of other as granda works paid	Total Origi.	School No.
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-						87	113 14 6	
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32.5	1,747 19 10	71	116 6 6	60	161 15 10	1,854	5,084 1 7	
656	8,479 18 8	179	315 9 6	41	160 17 11	4,268	9,024 13 11	
-		-	-	-	-	87	113 14 6	
970	4,227 12 6	250	ML 0 0	111	201 10 3	6.102	38,533 19 4	

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LIST OF DAY SECONDARY SCHOOLS, showing the Grants paid by the Department Instruction in the Subjects of the Department's Programme given

			EXPER	DENER	r Sens	009.			DELIVE	INO.	
No. of Sthool	Name of School.	2	For G	book		Americat	2	to, of trong tor 6	Studen sited was	ha	Average
		lat Year.	2nd Your,	3ed Year,	4th Year.	Grast.	1st Year.	Sol Year,	3ed Year.	oth Your.	Great.
	LEINSTER										
6847	Co. Cantow : Begynalstown : Presenta-	12	6	7	_	45 11 0	13		7	_	17 3
6338	Bogensktown St.Joseph's	15	8	4		4P 27 6	15				7 7
6030	Cinneal School. Carloy, Carattan Reathers'	36	11	4		86 9 10	16	- 11			7.0
£203	Schools Carlow : Convent of Manay	9			5	50 M 9	9				18 0
6182	Knockbeg: St. Mary's	30	20			00 8 1	30	24			18 13 1
6084	College. Rethrolly: D'lissett	6	-		- 1	7 14 0		-			1 16
6356	School Tulion : Brightine Convent	33	18	6		61 4 8	21	1.0			12 0
6107	Trillow St. Patrick's Semigary.	11	11	-	-	33 10 4	18	11	-	-	10 17 1
0834	Co. DUNIES : Bellingern: Loreto Con-	31	18	3	3	100 H H	37	18			83 11
1474	Balliferige Masonne Geor	18	18	5		48 14 8	12	13			5 13
9323	Belooi Blackrook College,	68	76	36	13	883 3 10	GB	74			44 14 1
0200	Blackrocks Domeston Cur-	24	27			40 5 8	24	17	9	100	15 5
1863	Versi, Som Hall Blackrock Trades Pro- pository behoof	20	5	6		71 14 10	80		6		26 12
6187	Chilleknock Marcur's School	9	7	-	- 1	80 1 9		7			6 6
6037	Castleknock : Margan'	10	8		- 1	45 3 4	10	3	- 6	1	14 18
1000	Castlekrock : St. Vascent's College.	60	54	19	1	221 7 10	90	54			31 13
1362	Chiprison Mount Sack-	15	8	3	2	45 19 8	15		- 1		9.12
11.00	Cloudalkin : Bt. Joseph's Sentimery.	35	5	1	- 1	20 3 11	11	5		- 1	12 14 1
1081	Closekeigh Masonic Boys' School.	1.3	17	16	-	103 11 2	22	17		-	7 0 1
1228	Dulkey : Loreto Abbey, .	24	13	1	- [41 8 8	24	18		- 1	13 8 1
1903	Domytessk. St. Mary's Unwerstr College	7	3	2	- 1	14 13 9	7	3		-	2 0 1
1150	Kingstown : Giristan Brothern' Schools.	17	15	6		45 4 5	17	15	- 1	- 1	8 24 2
959	Kingstown . Croethwalto School	4	-	-	- 1	0 16 10	4	-	- !	- 1	9 18 1
953	Kragstown · Presentation Ecothem' College		7	2	-	20 27 11		7	- 1	- 1	3 13 4
644	Kingstowa Victoria School	5	2		-	6 18 5	5	8	-	- 1	2 6 10
005	Rothfrithum: Loreto Abbey,	10	20	9	- 1	74 1 8	33	29	8	1	27 6 5
	Butali miani - Ba. Colon- ba's College.	8	5	1	2	22 16 5	8	- 5	-	- 1	2 19 3
	Bathgur - Notfolk College,	5	3	-	8	17 8 s	5	3	- 1	2	5 6 8
905	Ballymines College	33	13	-		63 16 6	18	13		- 1	9 9 0

3

III. during the Financial Year, 1st April, 1909—31st March, 1910, in respect of during the Academic Year, 1st August, 1908—31st July, 1909.

	MAS	UAL INS	TRUCTOR			D	entigate	ECONOMS			
	No. of S recogni On	sed for		Amoust of	-	No. of 5 recogns Grac	sof for		Amount	Total Amount of Grants.	Xi of Scho
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			EXPER	DERTA	. Sema	w.			DOWN	259	
No. ef Sebool	Name of School.	,	ie, ef 86 recogn for Gr	deed		Amount	8	io. of 1 mong for G	used.	•	Amousk
		1st Year.	2nd Yesz.	3rd Year.	tth Year.	Grant.	tet Yesz.	Year.	3rd Year	ith Year.	Grant.
0000	Co, DUREY-(continued.) Rathmines : Lerelo Con-	11	12	-		8 A d. 20 9 5	11	12	4	4	5 x d 10 10 1
6251	Rathrenos: St. Mary's College.	25	11	8	2	96 9 11	25	11	-	- 1	7 16 5
6602		56	16	6		152 17 7	94	16	6	- (46 1 5
eors	Travies Preparatory School Thyunco: Curnalite Culture.	19	6	14		64 8 7	19	6	-	-	5 8 1
6150	Co. Bonovisi or Bureza . Alexandra College, .	-	3	12	6	44 13 1	2	3	1	-	2 2 0
6564	Aleszades School,	33	33	-	-	87 5 7	31	15	-		26 19 6
6142	Retrodeco Collage,	19	30	2	-	09 26 5	19	30			9 1 1
6006	Bertrand Intermediate	18	5		-	21 6 2	13		-	0 - 1	6 11 0
6271	School for Ords Catholic University School,	12	8	0 -	-	23 11 0	12	8		- 1	4 4 5
6162	Christian Brothers' Schools,	65	39	12	-	146 3 6	45	59	11	-	44 2 4
6219	James's Street. Christan Ryothers' Schools,	27	20	-	- 3	55 4 11	27	20	-	-	13 14 5
6130	Marmo. Caretan Brothers' Schook,	32	14	-		51 16 0	22	14	-	- 1	11 11 10
6150	North Brunswick Street. Christian Brethers' Schools,	154	125	84	-	518 16 7	154	155	-	- 1	29 12 4
6117	North Extended Street, Christian Brether, Schools,	74	50	30	23	240 1 8	71	50	-	-	40 2 (
6344	Synge Street. Christian Brothers' Schools.	39	22	22	-	112 18 0	30	22	-		16 11 10
6647	Westland Row. Church Home School,	6	- 4	0		79 18 6	- 6	4	-	- 1	3 19 6
6091	Clyde read. Discount Intermediate and	38	18	-	-	64 9 6	55	18	-	- 1	16 0 8
6168	Cressecont School for Olzie Diocessa School for Boys,	58	18			88 17 11	33	18	-	- 1	11 11 2
6668	Dominiona College, Reeles	70	62	34	13	818 7 7	20	62	-	- 1	37 10 13
6163	Street, Harrington College,	4	3	-	-	7 6 4	4	3	8	- 1	4 3 2
6004	King's Hospital,	32	27	20	3	152 6 6	53	27	-	-	16 6 10
6065	Loreto Otlaga, St.Stephen's	30	28			90 4 8	26	28	-	-	24 0 0
6021	Green. Leceto Convent, North	1.5		5	-	45 7 0	15	9	-	-	6 9 11
6261	Great George's Street. Mogakpoy School,	37	90	30	17	246 6 3	37	40	-	- 1	24 7 1
6054	Rothard Bigh School, .	10	11	-	- 1	86 11 7	26	11	1	- 1	12 10 7
6243	St. Andrew's College, .	. 56	50	18	10	240 10 6	55	50	-	-	39 6 9
6152	St. Margacet's Hall, Mospil	4	10	4	1	28 17 3	4	10	-	- 1	3 7 20
6115	Boad, St Vincent's Orphanage,	10	56	-		108 6 4	32	96		- 1	20 8 2
6117	The High School,	19	25		4	101 8 8	19	25		- 1	20 11 4
0140	Wesley College.	23	20	13		79 12 8	21	20		- 1	15 13 2

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	No. of S recogn Gra			Amount		No. of St. recognic Gran	of for		Amoreo	Total Amount of Grants	No. of School
lsi Year.	2nd Yest.	Rear.	ith Year.	Grant	Year.	Stori York	frd Year.	4th Year.	Genni.		
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-	-	- 1	- 1	-	-	- 1	-	-	-	280 6 S	CE43
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4325	Monosterevan - Christian	9	12	-	-	21 5 10	9	12				
6523	Rettlers' Schools, Nass' Cleation Brothers'	15	31	- 1		30 10 6	15	11	1.		5 27	
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1458	Gorcelentge: Brigatine Convents	7		2	2	25 17 8	7	- 5	- 1		5 0	7
5339	Killenry : Christian Brothers' Schools,	39	19	- 4		68 0 9	80	19		_		. 8
3460	Killenry College,	15	17	9		76 19 2	33	17				
258	Kilkrony - Loreto Convent.	24	11	_		38 18 8	14	11		-11		5
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SECONDARY SCHOOLS, &c .- continued.

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6000	Abbeyless : Freston School,	- 6	2	7	-	20		1		2		-			,
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6550	Castletown; De La Selle	27	17	8	-	110	12	0	27	17		-	22	16	
6376	School. Haryborrogh: Cheletian	15	10	7	-	66	2	5	18	10		-		10	
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6011	Co., Westweath: Athless: Esseingh School,	16	16	15	-	82	27	11	16	16		-	11	8	
1215	AtMont : 81, Mary's School	11	7	3	-	25	12	4	11	7		-	-	10	7
6063	Mellinger Christian Toothers' Schools	58	11	18	-1	44		10	25	11		-	12	7	. 7
6606	Molingar : Locato Convent,	17	6		-	24	18	9	17	6	-		,	17	
6541	Medicagor St. Pinistr's College	41	17	16	-	90	0	4	41	17	-		18	9	
6324	Co. WENCOUD : Christian	28	18		1	72	10	۰	28	18			1,,	7	
6249	Renthers' Schools. Remposethy: Locato Con-	11	7			30	14	11	11	7			1	19	
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1003	New Ross: Christian	17	14	11		57			17	14	11		27	2	Ĭ,
00.00	New Bean Good Courses	4	4	2		19	17	,					-	18	
3641	College. New Hoss : John Ivory	4	3	2		n	1	1					2		11
2733	School Newtowalterry St. Mary's	23	10	4		100		ŝ	23	19			14		11
3341	Convert. Wextond, Christian Druthers' Schools, Joseph	25	20	14	-	52	14	2	25	20	-	-	10	3	0
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6095	Waytopi - Loggio Connent,	25	16			41		0	25	16	-	Ĺ		10	
6070	Werdood .55 Peter's College	12	10	18		41	14	7	12	15	-			12	ï
6533	Wexford : The Tate School,		6	3	2	31	2	10	5	4	-	-	4	6	0
468	Co Wicklow: Beny: Lordo Convent	11	12	5	7	66	6	7	11	12	-	-		15	9
	TOTALS FOR LABOURE.	2,495	1,754	795	158	8.115			2,405	1,754	192				2

Secondary Schools, &c.—continued.

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6117	Erais Climsten Brothers' Schools	56	19	34	-	107 9 6	56	10	1	- 1	10 2 5
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6923	Estain : St. Mary's School, Convent of Marry,	14		-		SS 11 9	14	2	4		15 19
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0975	Butternut St. Mary's		7	5	2	44 15 11	110	n	3	- 1	17 2
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3145	Reothern' Schools. Charlestic: St. Joseph's	12	19	18		99 4 8	13	12	14		6 7 1
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191	Fenney: St. Colman's	36	42	42	10	994 19 6	36	12	15	3	23 0 11
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585	Mallor: Patricius Academy	12	11			28 14 5	11	12		-	9 4 6
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740	Brothers' Schools. Modeste College,		8	3			200	19		-	12 13 1
110	Matchelstown: Christian	24	2	16		24 4 0	5	8		-	3 14 3
555	Reothers' Schools. Queezations Coursest of	15				97 19 B	24	2	14	-	21 17 8
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991	Brothers' College Queenstown Trades Pre-	11	7	4		42 9 4	11	8	- 1	-	7 6 0
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13	Chrystau Brothers Schools	114	60	22		149 8 6	28	4.5	-	-	18 19 9
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SECONDARY SCHOOLS, &c.—continued.

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6601	High School,	27	- 6	7	1	43 0 4	17	6			8 11 1
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6077	Boche le Sommer,	18	22	7	5	75 9 2	18	91			16 10
6002	St. Aloysine School, St.	24	19	-	-	82 12 11	84	19	4		
9924	Mane's of the Isla. St. Vincent's Convent	43	35		-	81 6 7	48	35	8		
0136	School, Uconing High School, St. Angels's	42	28	-	-	88 6 4	45	58	17	1	40 9 E
6154	Co. Kuras : Diagle : Christian Brothers/ Schools.	18	20	12	-	121 14 4	18	20			12 11 11
68-68	Killimey: Loute Convent,	34	12	5	3	68 5 2	26	12	- 1		17 9 5
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1170	College. Traice Christian Feethers'	44	24	17	-	114 8 10	44	24			
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337	Kaffanna Ciril Service and Classical School		8	8	-	33 18 · o	9	3		-	24 14 3 4 11 9
160	Co. Bonoross of Linguists Classics Brothers' Schools,	69	47	26		997 B S		47		`.	16 7 a
355	Section I Christian Reothery Schools,	25	18	- 1	- 1	81 27 B	25	18		Đ.	
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172	had Street Laurel Bill Convent.	32	34	12			32		-	-	1 8 9
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SECONDARY SCHOOLS, &c .- continued.

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84	Convent of the Sarred Heart, Ferrybank,	16	18	10	- 1	14	7 6		34	18	36		39 8 ±	1
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SUCCESSION SCHOOLS &C.—continued.

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6114	School. Lebegn: Unter Provincial School	9	9	-	-	81 29 20	1.8	12		1	15 19 1
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6083	St. Patrick's. Christian Reothers' Trades.		24			65 14 3	28	24			16 8 2
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1184	vale Avenue.		11	2	2	01 11 11	17	11	2		10 19 7
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33.95	Holmhuret College, Alex- serira Gredous	4	3	1	- 1	9 19 0	4	8	1		3 13 6
1092	Magonetale College,	88	16	15		22P 0 2	85	16			11 5 5
513	Molbodish College,	49	92	8		146 16 9	- 29	31	-		16 4 8
681	Murrerpel Trades Prepara- tory School	81	-63	14		520 1 3 1	83.	40	14		165 37 9
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325	Mosetta High School,	6	4	-	- 1	12 17 10	6	4	2	2	5 7 0
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005	St. Melarhy's College, .	28	15	5	- 1	72 16 8	28	15	- 1	-	12 16 0
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771	Victoria College,	40	21	0	2	97 9 5	40	23		1	37 6 2
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Secondary Schools, &c .- continued.

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6971	Portadown : Alexandra School.	7		-	-	7.1	8 8	7			- 1	111	
6861	Portudown: Day Tradas	14		-	-	45 1	4 7	16	3		- 1	11 3 3	
6508	Proprentory School. Portadown Intermoduate	- 5	4	-	-	15			4			1 19 10	
0653	School. Purtadown : Ludics' School	18	- 6	-	-	22	0 4	18	6	2		8 14 9	
6081	Co. Cavan : Cavan Ecual School		11	2	3	32 1		8	- 11			7 5 10	
6124	Cavar; 84 Patrick's College	84	19	15	-	96 1		24	19	5	-	7 5 10 10 16 5	
6072	CO Beergal . Letterkeung Lorete Con-	19	4			56 2		12					
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0902	College Lafters: Proce Schools, .	15	14	- 6	1	57 11	0	15	14	- 1	-	13 14 3	
1997	Baplice: Royal School, .	11	30	18	5	115 11	1	13	30	- 1	-	9 18 5	
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9000	Bushnine Ecoelesce Academy.	5	10	1		28 9	9		10			6 11 9	
9667	Tempor Hadowed School,	X7	13	6		49 0	0	17	15			6 7 7	
1616	Bangor: Giordela School,	6	- 4	1		16 9		6	4			6 1 1	
1026	Bragge : Lodier' Collegiate	3	4	2		18 10	2	2	4			2 5 9	
1023	Bangur, Lodies' School, Depirits.	- 5	5	9		16 6	7	5	3			3 18 39	
1075	Holywood : Upper Sullivan Bolgod	29	14	14	2	118 18	8	203	14	8		29 7 30	
171	Newry Christian Brothees' Schools.	27	10	20		56 16	3	27	10		-	8 16 0	
2002	Newly, Intermediate School	13	16	-		30 11	7	13	15	-		7 10 5	
100	Newry 84. Column's College.	6	9	6	5	52 9	7	0	6	6	1	10 2 9	
896	Newtonnesis: Ladior School,	1	5	- 1		8 6	2	1	8	-	-	2 5 3	
010	CO. FISCEANAGE Etminkellen : Portors Royal School	13	17	12	-	TG 18	3	12	17		-	8 11 2	
678	Errichalten: 80 Magnet's Intermediate School	29	8	9	-1	46 16	3	19	6	-	-	0 0 5	
236	Co. Lowrostonay Colorage Academical	14	25	17	. 1	109 15	10	14	28				
436	Institution: Colorum Goelesville	29	8	-		35 7	.0	20	8		2	19 14 2	
935	Righ School, Coleman - Herrita Con-	19	-1	-1		18 11	0	19	0		1	4 15 3	
289	Tent, Linavady : Rostank	7	1			9 0	0	7	1	1	3	10 18 5	

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4730	Co. Los Doy 200037—(con) Maccoquia Interrectinte School, Colerano.	13	7	-		3	0 1	6	11	2	3			18	d
6588	Magherafelt , Namey Eu- dowed School	19	18	1		-	5 10	5	19	12	1	-	11	. 2	8
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6668	Christian Frothers' School, From of the Hill.	25	16	1		7	3 15		25	14			11	19	10
6544	Convest of Our Lady of Mercy.	24	1.2	- 5	1	8	5 8	6	24	1.2			16	1	5
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6575	84 Tamelt's College,	14	8			2,	11	- 6	3.4	8	1			14	3
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6468	Victoria High School, .	63	34	16	17	386	10	0	41	24	15	14	- 00	11	Ĭ,
6003	Co. MOYAGHAY : Cherickenseron : 86 Local	15	18	14	5	1.51	- 11	3	15	3.6			16	1	
8223	Corners, Carrelonaurous : Viscount	7	- 6	4	-	24		10	7					8	
1199	Weynmouth's Groungest Sch Monaghan Christian	19	5	4		12	11	1	10			١		12	į
2005	Rosthern' Schools, Monaghur . St. Louis' Cun-	38	25		10	172		i	22	85			30	ï	
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1523	Co. Timore Cookstown Ameling, .	12	5			45	14	9	12	3		_	2	13	
1128	Cookstown : Lexino' School	19				40	12	9	19	9	2	5	14	10	3
1005	Dragormon Girte School,	12	10	4		37	14	11	12	10			7	1	a
2231	Designation Royal School	55	20	9	2	91	10	D	40	20				15	
000	Desganco St Polesk's	24	6	4	-		18	8	100					19	
676	Academy, Ornigh Academy,	26			_	44		4	16					14	8
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811	Ornagh : Loyeto Convent.	13	10	19		76			13	10		8	15		2
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600	Galways Dominican College	22	9	1		24	15	A	10		1			2	
067	Galway : Dozzańcan Con- verk, Taylor's Mil.	12	11	4	-	18	1	3	12	11		- 1	13	11	ō

SECONDARY SCHOOLS, &c.—continued.

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6242	Co. GALWAY-(conference).)													2	
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édos	Galway St. Ignatus' College.	15			-	1 2	3 1	2 1	15	30				63	16.2
6076	Gainay St. Joseph's Sermany.	15	20	· -	-	2	6 1	8 8	15	15	-			9 2	18 1
3230	Tenn Christian Brothers'	20	20	- (-	6	8	4 8	30	20	4		15	9 1	5 1
5527	Town St. Jartath's College	12	86	35	-	15	5 1	8 9	12	23			1	8	6 :
253	Co. Mayo. Ballon: St. Maredath's	50	24		١.				53	24					
902	College, Killianugh : St. Longs' Con-	54	90	14	١,			11	25	22		-		PE	
878	Vent. Westport Christian Brothers' Schools	18	14	9	-		11		18	14	-	-	24	1 1	
245	Co. ROSCOMONE: Ballingha dervoir Discesson College	13	15	10	-	62	12	10	18	15					7 5
199	Do Stato - Mago : Greatmay School, .	18	18	8		117	1	10	18	15	_		١.	15	
93	Stago - Intermediate School,	9	- 4			in	9	5		4	- 1			10	
41	Sligo Summerhill College,	16	36	26	2	821	17	3	26	26	- 1		81		-
18	Sign Trades Propagatory	5				35	7	6		8	_		12	5	9
97	School. Sigo : Ursaline Coursus,	42	24	6		165	17	0	43	94	- 1		25	9	2
	TOTALS FOR CONNACTOR,	329	272	134	22	1,3233	5	10	319	372	24	-	83.8		
	Totals for Legaler, 5	406	1,764	195	158	8,285	2	3	2,468	1,764	160	19	1,581	-	2
	Totals for Munster,	,770	1,503	650	68	1,500	16	7	1,770	1,902	125	12	1,072		
	Totals for Uhter 1	,430	1,968	484	104	4,265	1	11	1,610	1,058	149	33	1,191		
	(19 Schools). Totals (or Communist. (17 Schools)	229	272	134	22	1,200	5	10	319	192	14	1		ó	
	TOZALS FOR INKLUED, . 6	127	4,297	2,078	352	21.047	12	0	6.197	6 904	453		3,900		

SCONDARY SCHOOLS, &c .-- continued.

	MA	STAL IS	SCHOOLS	19		D	OMESTED)	Econom	n j		
	No. of a	Stradenta ised for at.		Amount		recogn	Students used for MA.		Amount	Total Assects of Grants.	No. of School
lat Year.	2nd Year.	326 Yesz.	fib Year.	Ceast.	los Yose,	260 Year.	Yese.	West.	Grant,		
				8 4 6					2 1. 4	8 4 6	
-	-			-	- 0	-	-	- 1	-	27 11 11	6045
-	-	-	-	-				-	-	30 9 5	6300
15	15	-	-	8 19 6	-			-	-	48 10 B	6076
19	15	-		15 7 11	-		-	-	-	328 8 3	6020
3	12	-	-	5 9 4	-	-	-	-	-	169 8 3	6523
5	3	-	-	3 10 0		١.,	-	-	-	105 7 0	4258
-	-			-	-		- 4	- 1	5 12 0	153 5 7	4300
37	14			10 10 1				- 1	-	78 18 P	6278
7	8	- 1	-	5 5 6			-	-	-	67 10 9	6245
-		-	_ '				-		_	226 O 1	6890
-		- 1	- 1				-	-	_	27 19 7	9193
10	10	-		8 15 1	- 1	-	-	-	_	250 19 9	6141
8	8	-		27 15 2	-				_	65 5 10	660.8
	- 1	-			20	15			22 27 1	204 2 4	51.97
81	85	-	-	26 0 7	31	15	• 11	9	50 15 11	1,659 3 8	
628	249	54	1	639 0 7	157	51	208	57	453. 9 11	10,555 1 4	
510	241	3.5	4	315 17 9	158	90	104	24	244 17 3	7,890 1 5	
200	109	29	- 1	590 15 30	87	99	72	2.5	253 1 11	7,960 T T	
81	85			76 0 7	31	1.5	11	9	50 15 11	1,660 3 2	
1,439	684	116	5	1,130 14 9	453	906	399	118	1,100 5 0	27,467 14 6	-

Table IV.—List of Primary Schools showing the Grants paid by the Department during the Financial Year, 1st April, 1909.—Bist March, 1910, in respect of Instruction in Drawing and Manual Work.

				for Da	cru	10	Grant	for Manus. rucisus,	Total Great
No. of Echool	Name of School	School Your ending	Average Attenda anne.		000 00 000		No. of Scholars under Instruc- tion.	Amount of Grant.	ite Drawing sesi Hannal Instruction.
П	LEINSTER.			£	ä,	d.		8 1. 2.	6 6 6
8170	Co. Cantow: Curiow: Ctristica Brethers? Schools	31.1.10	225	20	18	D		_	22 12 0
6060	Cidow: Convent of Meery, .	31.1.10	23	8	4	0		-	2 4 0
6001 6001	Co. DURERY: Arterne: Industrial School, . Nacknel: Month Industrial School	31,10,00 51,1,10	776 104	17	16	9 0	168	55 <u>16</u> 7	133 12 7 7 16 0
6587	Onstinknock : Morgan's Ru- dowed School	81 1.10	8	(e) 1	2	6	-	-	1 7 6
61.50	Kugstown Christian Brothers' Schools	81.L10	888	18	23	9	-	-	18 18 9
6005	Huskatown - Carrigles Park Industrial School.	31.12,00	151	1.5	2	0	41	17 H B	88 4 5
6566	On Bonness of Divings - Christian Brothers' Schools, Francis street.	11.3.10	121	22	4	0	-	-	22 4 9
6845	Christian Brothers' Schools, Golden Bridge	31.119	114	8	11	0	-	-	E 11 0
6540	Christian Trothers' Schools, Great Street,	31.18.09	240	34	0	0	28	6 3 10	30 8 10
5353	Christian Brothers' Schools, James's street.	37.3.70	221	33	8	0	970	-	32 8 0
6523	Christian Brothers' Schools, Meezo,	33.32.09	20	22	2	0	- 1		23 2 0
6130	Christian Forthers' Schools, North Bernewick Steed.	31.1.10	251	18	15	ē	-		18 16 6
£156	Christing Reothers' Schools, North Reciproral Street.	31,18 00	318	34	16	۰	90	30 4 10	45 0 20
4330	Chestun Reothers' Schools, St. Laurence O'Tools	31.12.00	178	3.7	4	9	91	6 19 10	24 8 30
6329	Christian Brothern' Schools, 88 Marr's Place,	53,12,69	268	26	16	9	1.9	5 6 5	30 8 5
6117	Christian Brothers' Schools, Syngo Street	33,3,30	400	43	10	0	-		40 30 0
6841	Christian Brothers' Schools, Westland Bow-	51.1 10	307	23	0	6	- 1		25 0 6
6335	O'Brien Buillistico,	31.10.00 31.5.00	88 49	(a) 3	16 7	5	-ss	6 II 6	5 16 9 9 15 11
6317	Co. Extrace - Athy: Curetisa Beothers' Schools.	\$1,3,10	139	13	18	0	-	- 1	13 18 0
6345	Athy: St Mary's School, Con- vent of Morey.	11 1.10	14	1	10	0	-	-	1 10 0
6000	Kileock : Christian Brothers' Schools.	31.3.10	76	5	16	0	-	-	5 14 0
(005	Monasteresan; Christian Brothers' Schools,	31.1.10	92	9	4	0	-	-	2 4 0
6021	Sass, Christian Brothers' Sciencia,	3L1,10	101	0	1	0	-	-	5 1 0

(e) 11 months' gra

TABLE IV .- LIST OF PRIMARY SCHOOLS .- continued.

				or Develog. on average on alekokar	Genesi Ens	for Mousel fraction,	Total Grav
No. of School	Name of School,	School Yeaz ending	Avenge Attendance,	Amount of Great.	No. of Scholage under Instruc- tion.	Amount of Grant.	for Dynnia and Marga Instruction
				8 4 6		4 . 4	8 4. 6
6904	Co RESERVEY: Callett Christian Reothers' Schools.	\$1 1.10	100	7 11 0	_	-	7 13 6
6529	Killerry Christian Brothers'	\$2.1.20	185	11 17 0	-	and a	13 17 0
6250	Thomstown St. Michael's Convest	31.1.10	13	1 10 0	-	W-1	1 10 (
63.00	Co. Lorenz . Drophoda : Chrusian Brothers'	31.16.09	147	14 14 0			16 16 0
6259	Schools, Sunday Gats. Drostleds: Christian Brothers'	31,19,09	76	5 14 0			6 14 0
6273	Drogizeds Christian Brothers' Schools, Westgate. Dradelk Ciristian Feethers' Schools.	33.1.10	266	22 9 9	_		21 9 0
6108	Os. Maarw : Kelk: Christian Brothers' Schools.	81,10.00	122	12 4 0	-	-	12 4 0
5170	Quant's Corners Marybosough Christian Brethery Schools	31.1.10	181	18 11 6	20	7 4 0	20 15 6
0.363	Portarington Christian Britism' Schools	31 18 09	105	7 27 6	-	-	7 17 6
6061	Co. WESTWATE Mulliagur Christen Brothers' Schools.	30.11.09	183	15 15 0	-	-	13 13 0
6204	Co. Wangroup: Hermoorthy: Christian Hrother, Schools	31.1.20	230	11 10 0	_		11 10 0
6500	Gorey Christian Brothers' Schools	31,1,10	117	8 15 6	-	- 1	8 15 6
1919	New Boss : Christian Brothers' Schools	33.1.10	149	16 16 0	-	-	14 19 0
6158	Westerd : Christian Toothers' Schools, George's street.	31.1.10	97	9 14 0	-	-	9 14 0
1541	Wexford: Chrosan Bothers' Schools, Joseph Street.	21,1 10	138	17 16 0	- 1	-	17 16 0
	Totats for Lievetic,		7,512	409 4 5	359	115 9 5	761 12 10
	MUNSYER.						
1137	CO. CLASS: Hezar: Christian Stothers' Schools.	33.0.09	131	9 16 6		-	9 10 6
1283	Eccustrator Christian Brotigers' Schools	20,9,09	18	5 17 0		-	6 17 0
¥295	Kitrash Christen Brothers' Schools,	10,9.00	94	7 1 0	-	-	7 1 0
2256	Co. CORE Charleville Christon Brothers'	51.1.20	65	6 17 6	-	_	4 17 6
1110	Schools Clouality St. Aloysius Industrial School	30,9.00	79	T 18 0	-	-	7 18 0

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TABLE IV .- LIST OF PRIMARY SCHOOLS .- continued

			Fred sitends	for Dr on a sace of			Grant In	for h	Eug tao	rmî D.	Total	0	00 E
No. of Betsoo	Name of School.	Subsoil Year coding	Average Attend-		of DEE		No. of Scholars under Instruc- tion.		oč oč	enst ch.	for D and 1 Instr	tyrus Mini	VERS
				-		et.		£	4.	d.	£		. 4
62.40	Co. Conx—(continued.) Descende - Christian Brothers' Schools.	31.15.09	65			. 0	_				3	5	
6167	Formoy . Christian Brothers' belevols.	31.1.10	145	20	15	0	-				10	19	
4131	Middeton : Christian Brothers' Schools,	81.1.10	187	14		6			_		14	۰	
5110	Mitchelstown Obcistion Tenthern' Schools	31.1 10	81		1	. 6	-				0	1	
6830	Upton : Donesfort Industrial School	31.12.09	295	16	10	0	56	21	8	5	40	12	
6558	Youghal : Christian Brothers' Schools.	31.1.10	178	15	1 4	0	-				15	4	
6352	Co. Boxesters or Corn: Christian Restlarr' Schools,	31.5.00	172		16		83	١.					
6015	Harriey Street, Christian Scothers' Schools,	33,5.09	479		18		109	10	15	0		13	
6364	Our Lady's Mount. Chryslan Brothess' Schools	51,5.00	254	52			108			4	63	8	
6804	Seilivan's Qusy, Oroszasouni Industrial School,	11.5.00		(11) 22			42	14		6	25	11	0
	OO, KRIEF.												
6154	Dangle : Christian Brothers' Schools	31 1.10	192	14	8	6					14	8	
6179	Vrsico : Captitian Brothers'	31.1.10	185	18	10	0	-				18	30	4
(SLE	Traice . Sk. Joseph's Reductrial School	\$1.1.10	91	9	8	0	20	4	13	8	19	15	2
6334	Co. Entrason : Econ - Christian Brotlaga'	81.1.20	51										
6330	Schools. Ohn Destrict Industrial	51.1.10	100		18		33	18	,	10	E4	3	10
	School,						- 33	10	•	20	24	1	10
1453	Or Bosoven or Leagunge Christian Boothers' Schools, \$4 John's.	81.1.10	180	16	0	0	_				16	0	0
1354	Christian Boothers' Schools, St. Mary's,	81.1-10	294	19	8	0	-				19	a	0
6365	Christian Neothers' Schools, St. Munchin's.	31,1,20	113	8	9	6	-				8	0	ŧ
6160	Christian Brothers' Schools, School Street.	\$9,1,30	180	28	10	0	-				28	10	
6336	Industrial School, Septon Street	51110	100	1.6	18	0	- 49	17	19	0	34	32	0
0044	Co. Torrenany . Car lek-us-Scir : Christian	51,12.00	96	9	12	0						22	
63,62	Brothers' Schools, St. Mary's Carriels-on-Sear Christian Drothers' Schools, St Nicholan	31.12.00	98	9	6	0							0

Table 3V.-List of Primary Schools.-continued.

			Paki htteads	doe De de av aco cé a	CA	2	Great Inc	for !	Kar Soc	ranî L	Total	10	nort.
No. of ictions	Name of School.	Nobook Year ending	Average Attenda		sou od not		No. of Scholoss under liestruc- tion,		Lmc of		for K and Inst	inst Ma	nng kex
					t.	ě.		-		d	-		d.
6390	Co. TEPPERART-(conference),) Correck-cor-Sur- Convent of	12.15.00	27		14	0						1	
6361	Morry, Cashel: Christian Roothane Schools.	31,12,09	13		9	4			-				
6334	Cloxend . Christian Brothers' Schools, St. Mary's.	31,12,00	184		4	0	-		-		- 2		0
6134	Clonessi : Christian Brothers' Schools, SS, Peter and Paul	31,12,09	161	12	1	6			-		12	1	6
(033	Numgh: Christian Rections' Schools	11.12.00	145	11	8	0			-		11	2	0
3313	Thurins : Chrotian Ecothers' Schools.	31.12.09	292	1.5	3	0			-		15	3	0
6153	Diporting Christian Besthers' Schools.	31.1 10	166	12	9	0			-		111	9	9
6834	Co. WATERTOOD: Dungstress Chronisin Troplers' Subsole	31.12.09	156	11	14	0	_		_		73	14	0
6004	Insure Christian Brothers' Schools.	31,32 09	90	6	15	0	-				6	15	0
6493	Yramora . Christian Sipothers' Schools	11.12.09	81	8	3	0	-				3	2	0
6138	Co. Botorus or Warrayoan- Christian Reothers' Schools, Herry Sect.	31.22.09	881	24	15	4	132	17	17	2	42	13	8
65.90	Christian Brothers' Schools, St. John's	31,13,09	171	12	16	6			-		12	10	6
cese	Christian Scothern' Schools, St. Patenti's,	31.12.09	76	- 6	14	0			-		5	1.6	0
	TOTAKS FOR MUNIPER,		6,004	506	6	9	594	118	1	11	624	9	5
	ULSTER.												
6673 6696	Co. Bonorum op Rugauer ; Baltanpel Inchestrial School, Christian Repthern' Schools, St. Malachy's.	30.9.00 30.9.00	347 128	(8) 15 (8) 7	18 17	1 6	113	57	ŏ	5	50	6 17	6 6
0000	Christian Brothers Schools, St. Mary's	30.0.09	341	(6)11	1.5	$\boldsymbol{\theta}$					11	10	0
0250	Christian Brothers' Schools, 8t. Patrick's	10,0,09	160	(b) 10	0	0			-		30	0	0
0000	Malone Protestant Reforms-	12,9.00	61	(a) 5	11	20	54	1.6	2	0	23	13	10
toda	Co. Annagr ; Armagh Christian Synthess' Schools	30 9 99	105	(4) 8	16	0	-					15	0
6008	Co. Donnous. Killybegs: St. Columba's Ig- frainal School.	33.5 09	146	14	12	0	48	55	19	10	38	10	30
00 S	Co. BOXOUGH OF LONDONNERS T Christian Brothom' Schools, Brow-of-the-Hill	11.3.10	190	14	5	0	-		-		14	5	0

TABLE IV.—LIST OF PRIMARY SCHOOLS.—continued.

			Grant Frai attends	for D on a knee of			Grand	foe seteu				11 4	ina
No. of Soboo	Nume of School.	School Year enting	Average Attenda		noi of rust		No. or Scholan under Instruc- tion.			out d	for and Insi	Des Ma	Wang Wasa daora
					1.	d.		1		. d.			4
6196	Co. Moragnay : Monaghan : Christian Brothers' Schools.	83.10.60	100	(40 :		3	-	ĺ				,	0 3
6130	Co. Tracers Omogh: Christian Brothers' Schools.	80 9.09	83	(8) 10	10	8	-		-		24	10	9 8
	Totals for Ulgeer,		1,450	100	11	4	215	78		, ,	180		2 7
	CONNAUGHT.			1									
6037	Galway Salthet Industrial School	31.10-09	992	20	4	0					20		
0225	Lebterfrank St Joseph's In-	30 9 09	151	15	2	0			_		11	. ,	
6220	Tenn - Christian Brothers' Schools.	90,9,09	115	8	12	6			-		8	13	6
6548	Oo, MAYO: Hallmoobe Christana Brothers' Sebools.	30.9.09	97	,	5	6	_				,		
6028	Westport Christian Brothers' Schools.	30.9,99	157	11	1.5	6	45	4	4	4	15	11	10
	TOTALS FOR CONNATURE.		729	62	19	6	45	4	4	- 4	67	3	20
	TOTALS FOR LIBSTER (40 School	an, .	7,222	645	4		350	115			751	10	10
	TOTALS FOR MUNICIPAL (4) School	10.	6,925	506	4	0	451	118	1	11	624		
	TOTALS FOR UDITER (10 Schools		1,490	106	10	4	915	79			180		
	TOTALS FOR COSTATURE (5 Scho	ńia, .	728	62	19	6	40	4	4	4	67	-	10
	TOTALS FOR TREEASTD (96 School	a .	15,420	1,399			3,074			11	1,600		.,

TABLE V.

STATEMENT showing the Occupations of Students attending schools and classes conducted under the conditions of Schemes of Technical Instruction in Non-Agricultural subjects,

Table V.—Statement showing the Occupations of Students attending Schools and Classes conducted under the conditions of Schemes of Tochalcal Instruction in Non-Agricultural Subjects. URBAN SCHEMES.

LEINSTEE.

-	Debths.	Zadirmos and Jadapa.	Pembrola.	Kiagatowa.	Draglets.	Wating.	Ziasicrosk.	Box.	Athlana.	New Bonz.	Remouthy.	Totala for Leissbor
Number of individual students carolled, . Number expelled to —	1,967	600	606	458	316	166	233	193	296	125	83	5,072
Preparatory Course Clares, Connected Classes (indisting Lan- grages Classes).	244 477	332	88	20 96	54 150	19	49 74	41 10	47 64	36 16	20 84	1,640
Seirner (Perc and Applied) and Mathe-	806		138	98	89	50	28	11		- 8	11	1,425
Handfendt Choses, Dramble Schroe Choses, Art Choses, Chroca in Loce and Crocket Making, Endemotry, Springing, Drawn Three Work, etc.	930 176	288	55 144	24 234 35	15	26 56	26 86 - 15 22	1.822	80	01 27	32 16	1,284 375 22
Other Cleans,	-		-		-	-	-	-	-		-	-
Occurrations or Structures. Young Mes Penson connect in Francia Occupations, Building Yindon, melading Workers in	91	-,	- 11	1	0.8	1 2	-	10		1	8.8	157
Wood, &c. Gosch and Cu. Burkhers, . Engineers, Workers in Notal, Departitunes.	4 223	-,	3 52	-3	- 3	- 14	-,	-	1	1	1	10
de. Architects, Surveyors, Cred Engeneers, do: Hischried Engineers, Selectivic Instrument	16 67	:	16	_2		=	1 5		=	_1	:	24 85
Molton, Av. Pereing Yrades — Compositors, Lethergraphen, Av.	87	-	- 8	- 1	3	-			6	-	-	99
Rottle Industries—Bedgmen, Weavers, &c. Punters, December, &c. Humbers, Gostlien, &c. Trades involving Apobel Art—Jowellem, Function Malors, &c.	55 29 22	-1 - 1	- 8 8	3	12	-1 -1	-	5	- - -	1	± = 8	25 32 41 84
Chemith, Assipho, Druggaste, &c., Subscape, Simphorpes, Warehauseines, &c. Olerio in Consiserual Offices, Clerks in Banin, Civil Service, Low, An-	64 45 161 63	2 9 85 207	28 44 20	1 15 3	50 30 4	16 16	11	3 5	15	10000	18	266 371 309
Torches, Assistant Torches, Puga Yendare, Statests (University, Law, Bickest), Occupation not included in the above Classes.	38 65 817	-7	3 0 130	11 20	2 20 0	2	21 21	÷,	_1 2	-1	1	72 77 970
Boys part left School or College. Boys will in attendance at School or College, No occupation stated,	\$ 58 50	10	13 23 49	18 35 4	12 10	17	13	11 6	39 11	3	=	72 191 161
Total Number of Young Men, .	1,416	840	648	187	121	63	73	97	108	38.	45	2,741
Forces General Transport Persons Persons de França Después les sols, Deputate Servicia, Transport Servicia, Transport Servicia, Transport Servicia, Transport Servicia, Transport Servicia, Medica, de Constante de C	2 12 3 3 4 8 8	130	1 8 22 11 ed	5	55 0 15	100	16 7 20	30 -4 -	17 19	10 9	3 3	826 8 94 27 45
Resigning, Drawn Tarrod Week, &c. Reisserseam, Skuphengers, &c., Olense, Dutkings, Errik Servang, &c. Toester, Australia Testers, Profiler Records, Statesta (Carreson, Medicol), Testers (Carreson, Medicol), Testers, Ligita and Lei Sestoo of Order, Order (Carreson, Maria Carreson, Maria	80 69 25 14 58 84	11 100 312 22 23 16 16 16	200 E	23 57 10 1 1 -40 25 200	20 4 21 - 23 10 69	10 23 11 23 11 23 28	8 7 18 11 0 12 16 68	19 6 3 11 -7 66	1 1 - - 9 46	7 14 11 8 43	1 1 1 1 1 15	181 888 968 27 62 189 196 879
Total Number of Young Western, .	551	380	844	253.	195	100	162	225	88	90	27	2,533
Total Number of Students,	1,967	630	963	478	316	166	\$50	193	226	123	83	6,078

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Table V.—continued.
URBAN SCHEMES—continued

- 11	Ctock.	Haund.	Waterfood	Cloumel.	Trake.	Totals for Monstee.	Galbray.	Silge.	Totals for Connectible
Number of indreduce state of corolled, . Number carolled in —	1,999	738	154	862	230	8,259	282	362	604
Preparatory Corne Choses, Commenced Chames Ancientes Lan-	274	122	25 59	41 52	155	309	60	110	102
ganges Classes), Storges (Pare and Applied) and Mathe- mates Classes.	356	177	70	13	35	000	28	80	117
Harmouth Closes, Describe Science Closes, Art Closes, Closes in Lace and Crocket Making, Endowders, Springing, Deaven Thread Work, &c.	58 324 158 158	14 321 78 54	36 171 29 33	70 101 89	117 25	145 1,000 451 124	38 65 27	111 53	174 80
Other Classes,		35				55	10	<u></u>	10
Gestrations or Settigerys, Tomp Mex. Parious engaged in Farming Overpatings . Building Trades, meloding Workers in Wood &c.	70	32	15	16	26	159	15	10	2 34
Cosch and Cer Bethless, Engageers, Workers in Metal, Dringistamen,	84	10		11	1 9	147	3 2	1 4	6
Architects, Surveyors, Gwil Englaum, &c., Photography, Agend for Instrument	58 50	3 4	Ξ		-	36 51	-5		-1
Makers, &c. Printing Trains—Compositors, Latho- counters, &c.	22	17	1	-	- 4	-64	2	20	18
Teatis Disturbus-Designers, Weavage,	1	20				11	. 11	-	22
Panters, Decertice, &c., Pempleri, Garlitect, &c., Tanda nevelvog Appled Art—Lewelten, Furritten MSen, &c., Carrinto, Analysis, Dengassis, &c., Relaman, Shopkropers, Warnhousenen, &c.	35 29 21	Heres	18 1	5 5 3	1	51 31	-i	1 2	9 1 3
Christis, Analysis, Dengaists, &c.,	38 43	15	17	- 9	15	100	20	27	. 47
Christ in Commercial Offices, Christ in Bunks, Chul Service, Law, As- merciaes, and Accounts on Offices, Toucher, Acastrast Touchers, Pape Brackers	334 30 54	53 9 29	28 11 16	3 8	14	233 42 55	10	10	20
8t of the Conferency, Law, Markelli, Overestions not published in the above	10	3	12	-3	-2	15	8	4 20	7 25
Chance Boys 13th 1sth School or College, Boys 17th in attendance at School or College, No occupation skeled,	37 24 63	59 19	20	10	8 8	51 120 120	54	- 7	61
Total Number of Young Men, .	166	887	150	102	114	1,327	137	139	279
Persons coppied in Parama Decapations, Decapatic Servants, Printer Trioles, Decapation, Milliones, &c., Triols Infestion—Decapatio, Weaven, &c.	3 19 	3 . 6	15 1 7	6	14.3	43 15 15	8 3	25	31 3 30 10
Factory Workers not animaled in show, Workers to Loce, Crocket, Erzbendery, Springers, Down Thread Work, &c.,	159	51 13		80	3	295		15	18
Textife Infristible—Information Warver, Ar. Practicey Workpers for Instituted in shown, "Practicey Workpers for Instituted in shown, "Stringtister, Down Thread Work, Ac., Salasworms, Stopkingers, do., Olerios, Cantieres, Olivi Servande, Against Managhan, Versidees, Front Transfers, Olivia, and Cantieres, Olivia, and Transfers, Open Control of the Co	28 34 21 81 81	13 2 33 6 30 14	19 15 0	25 7 13 - 11 2	18 9 25 -	114 71 135 6 67	12 12 - 4	13 60 6 60	22 22 22 4 50
Guds atilities attendance at School or College, No occupation stated,	19 205	81 158	35 125	63 43	39 16	150 615	54 53	25 16	50
Total Number of Young Women, .	708	351	275	250	148	1,231	135	557	338
goes) Number of Students,	1,660	728	484	261	256	3,858	558	350.	524

TABLE V .- continued .- URBAN

- -	Bethat	Londondury.	Neuty.	Logan Ottezapad Schema).	Longon (Correct Behrens).	Bullymens.	Portadown.	Newtowards.	Armagh.
Number of sultywinsi students enrolled, . Number enrolled in —	6,781	148	123	342	117	476	182	245	203
Perparatory Course Clauses,	1,318	79 78	155	93 65	26 11	184	54 80	61	100
granges Chance) Science (Page and Applied) and Makhe- granten Chance.	901	107	30	81	-	125	88	14	14
Hausternii, Cheste, Decamic Science Chasses, Art Chasses, Chause in Lave spil Contest Makeng, Englyredary, Springerse, Deswir- Thread Work, &c.	418 1,790 422 30	12 232 87	18 133 29 -	189	55 22	14 150 70 84	156 43	100	40
Other Clares,	698	-	-	-	-	-	-	-	
GOTTPATIONS OF STUDENTS									
Young Men Young Men Occupation, helding Troles, notating Worker in Wood, &c.	176	18	10	10	:	5	1 4	io	20
teach and Cor Budders, legeneers, Workers in Netzi, Drangheimen,	490	3 31	74	88	-	34 34	3 35	11	-6
architects, Surveyors, Civil Engancers, &r. Sections Supriests, Scientific Instrument	52 93	5.5	-	1	:	-1	3	=	-3
Milete, &c. Priling Trades — Compositors, Latho- graphers, &c.	66	1	-	1	-	-	-	1	1
extra managem, wearen,	306	12	1	58	1	5	88		3
ninters, Decorators, &c., Sunders, Ossiblers, &c., males revolving Applied Art—Jewellers,	40 60 33	14.8	1	1	-	1 2	_1	1	1
Partier Ossiner Applied Art—Jeweller, Fagratine Melon, &c berniet, Amilysto, Dragosto, do alexans, Stephospers, Warehousemen, do	88 864	5 53	41	10	- :	24	13	13	19
lerio in Commercial Offices, lerio in Tamio, Civil Service, Law, An-	110	20 3	15 10	6	=	10 26	29	20 1	5
Someth, Assessing Percents, Fulls Academics,	116	16	11	1	-	88	10	3	3
beliests (University, Low, Medical), ecospalates not included in the above	11.5	23	7	- 6		1	ì	15	8
oys just left Sencet or College, oys shift in attendance at School or College, o occupation stated,	34 175	5 2	12	25	30	16	8 5	30	10
Total Number of Young Men, .	8,945	229	130	153	13	186	125	101	89
Young Woose, errors engaged in Farrers Gouspakiess,	2 163	- En	10	- 8	-4	10	26	-e	18
cractic Serverts, restent Trates, restendent, Milners, &c., cade Salustrio-Desguers, Weaver, &r betony Western not meladed in chore, resters in Lan. Credent, Erstecolory,	149 90 533 37	15	21 1 26	80 50 1	3 58	20 68 12 1	16 65 9	6 2 45	10
Sprantag, Drawn Thread Work, &c.,	78 973 486	85 55 55	5 29 27	5 19 19	1 5 15	13 19 58	11	8 14 25	4 9 11
almereich, Shojarepus, 20. forta. Undage, Crui Servaria, de undara, Andreig Lewbert, Pupé Yenchets telenia (University Medeal), expalaren not mended et above Chaoss,	48 84	1 3	33	- 6	- 4	5	13	97	4
Extragation and the stood or College, fair just left School or College, fair shift in allowed such as Sobool or College, to occumation whitel.	53	38 119	36	21 35	15	25 27 42	31 46	14	23 23
Total Number of Young Women, .	2,716	379	242	1.99	105	223	247	147	114
Total Number of Stoleofs	5.751	168	872	343	127	476	332	948	200

Colezatra	Larre	Burger	Bsointage	Osznokilengus.	Hotywood.	Salymenty (9), Urean and Neral),	Warrenpoint.	Totals for Phier.	_
847	337	258	811	198	152	193	90	10,558	Number of todynhasl students enested. Number consist in —
26 75	59 83	33 79	75 60	48 78	15 29	19 33	24 22	2,000	Concerned Classes Barballar Yan
45	77	37	24	88	32	-65	-	1,627	Startes (Fure and Applied) or Enthernation Chasses.
31 39	28 83 84 32	106 10 28	18	11 49 10	55 10 52	20	68	3,868 861 176	Historian Classes Historian Classes Decrease Remove Classes Art Classes Classes in Lace and Crocket Makes Enthrodays, Specific, Drawn Throad Work, &c.
		-	-	-	-	-	-	ces	Other Changes
									OCCUPATIONS OF STUDIES 21
3	12	-6	_5	. B	_1	17	1 3	281 281	France Men. Persons engaged in Farming Occupation Registry Trades, industring Workers
9	14	-1	-4	15	-2	-2	Ξ	16 963	Wood, &c. Couch and Car Bushiers. Engineers, Workers in Metal, Describions
-2	-4	-1	-	3 2	Ξ	=	Ξ	53 109	Architects, Surveyors, Civil Engineers, &
8	1	-	1	2	1		-	77	Makers, &c Practing Trades—Compositors, Litho- graphers, &c
2	- 4	-	18	4	-		-	165	Textile Industries-Benguers, Weaver
-1	1 5	-1	- 2	-			= 1	50 50	Paristers, Decorators, der Himskers, Gavilliers, der Thosies (avolving: Applied Art—Jowelles Fusiling: Vikers, da. Chemists, Appliess, Denggists, de.
si	15	9	14	5	1 5	15	-6	116 506	Stormen, Stopknepers, Warnisonaruse
5	10 5	12	10	12 D		.9	Ξ	207 881	Clerks in Concerneral Offices, Clerks in Banks, Crol Service, Low, A strance and Accountable Others
3		- 6	7	3	8	8	1	240	Tractors, Assessed Tractors, Pa.
17	16	1 2	ã	- 6	_1	24		58 269	Sendents (Correcuty, Low, Medical). Occupations not refusion in the abo
22 1	10	17 5	17	15	15	Ξ.	5	232 203	Hoys just left School or College Hoys still in attractioner at School or Colle No occupation stated.
112	150	63	99	92	33	75	20	4,714	Total Number of Young Men.
11 8	12	6	3	3	17 - 2	9 2 	3	24 285 8 810	Possus regarded in Persons Occupation Denoise Servanta Printing Trades.
3	-3	-1	101	9 9 9	-2	23	-	333	Dictions/Sers. Milliams, &c. Traffic Endustries.—Bengrous, Weavers, &
-		- 1	-		=		Ξ	50	Factory Workers not included in above, Workers in Lote, Goodat, Embeadary, Societies, Diamit Thread Work, Ar.
17 16 62	15 30 33	4 7 17	33	15 16	5 67	8 3	5	235 359 934	Cirris Contarn Cord Servante do
.0	.5	- 2	28	-4	1 7	20	33	233	Teachers, Ambriant Teachers, Pupil Teachers, Stadente (University, Madical) Occupations not included in alsoyo Classe
6 18	21 18 45	50 101	13	11 27	50 15	3	15	80 415 1,412	Gris yest left School or College Gris stril in attendance at Selson or College No compation stated
153	197	198	212	101	121	115	72	5,538	Total Number of Young Women.
247	33.7	235	311	190	150	113	98	10,050	Total Number of Stadents.

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Table V.—continued, COUNTY SCHEMES—PERMANENT CENTRES OF INSTRUCTION, LIAINSTER.

			Ante	- PALES	_			-					
-	Outlaw.	Dohlin	Kildaen.	Killeausy.	Kitsg's Co	Location.	Leeth.	Month	Queen's Co.	Westmosth	Wednik	Walton.	Totals for Lemeber.
Number of unitysfruit students encolled, .	106	25	345	237	242	22	339	260	115	156		292	1,084
Venior cardiol in — Proporatory Course Classics,	43 30		19	93 24	61 30		55 95	53	21	21		14	315
Congressed Classes (meloding Lau- grapes Chasse), Science (Pere and Applied) and Mathe-	00	L.	10	20	97	III.	30	19	6	16	13	28	
magics Classes Handwalt Classes	10.	1	21	37	24	10	16	20	97	28		29	229
Demonto Science Classes,	-	1 =	Ĝi 93	120	78	27	153	123	64	33	=	61	626
Classes in Lace and Crochet Making, Sanbrusleyr, Springung, Dyawn Thread Work, &c.		25	58	1=	1			74	1	62	-	-	209
Other Ciscles,	-	-	-	-						-		1	-
OCCUPATIONS OF STEDERS													
Young Men. Pennen sugaged in Farming Occupations BeddingTrades, including Workers in Wood	9	=	1	3 5	15 15	Ξ	12	8	0	6		5	63 63
Conch and Our Builders. Boggaeons, Workers in Metal Dunnglitumen,	-3		3 5	20	5.00	=	26	=	-1	3	=	=	111
Ayelstecks, Surveyors, Civil Engiseers, &c., Electroni Engracers, Scientiste Lectromest		=	=	=	-1	=	2 2	_1	=		=	-1	6
Mikes, &c. Printing Tricks—Compositors, Litho- graphers, &c.	-		-				9	-		1	-	-	
Testile Industries-Benguers, Weavers,	- 3		-	16				1		1	-	-	28
Paintern, Becombies, &c., Pirintern, Oscillern, &c., Troubs involving Applied Act—Jewellern, Primiter Moters, Ac Charmbe, Australia, Draggests, &c.,	-1		=	- 8	3 9	3	1 1	- 3 10	=	3		7	15 31
Popular Money, Ac Christia, Analytis, Drappets, &c., Selection, Manhopers, Wardsonstraus, Ac.	ïı		14	- 2	- Ls	Ξ	12	18	-8	-0	=	8 1	6
Clerks in Courantees! Offices, Clerks in Barks, Civil Service, Low, As-	12 18		7	9	14	Ξ	20 10	-11	0 4	14 2	Ξ	8	97 51
Turchers, Amintusi Teachers, Popil Teachers,	3		- 4	52		-	3	-	8	2		8	39
Students (Unrunnity, Law, Medical), Oscupations not coctoded in the above Classes	-5		-5	-6	14	-	20	-2	18			-6	16
Boys part left School or College, Boys till in attendance at School or College, No occupation stated,	20		17	- 2	68		14 3	11	11	35		19	30 196 21
Total Number of Young Men, .	105		79	99	162		197	71	59	84		85	870
Young Wester. Person engaged in Farming Decapelines,. Darmate, Servaria			16	23	14	9	10	8 87	23	-,	-	-	67
Decourse Servines, Priving Trades, Dentyropors, Milliones, &c.	5		10	- 5	- 7	Ξ	72	- 6		1		1 2	
			58	- i		- 8 10	=	111	ΙÉ	=		E	227
Protory Municipal Mulpicit, Wester, &c. Protory Worker and underful in above, . Workers in Loos, Coulest, Histoniery, Sprigging, Devre Tarmed Work, &c., Sultiviouste, Shoplespers, &c.			1	0	16	100	12	113	3	1 1	_	10	64
Cierce, Containers, Cord Serverts, de., Teachers, Assertant Teachers, Popel Teachers, Students (Currently, McGood,	=		1 7	16	- 6 T		42	1	-	-1	Ξ	3	107
				55	50	=			10	:	-	1	63
Guils Just left Selpon or Opingo, Guils Just left Selpon or Opingo, Guils still in attendance at school or College, No pengestor stated.	-	25	11 11	30 30	22	3	39 63	34	7	13	Ξ	34	19 171 198
Total Number of Young Women		25	166	118	100	59	203	211	97	70	-		1.114
Total Number of Students,	205	25	245	237	268	87	830	982	115	154	-		1,75 6

TABLE V.—continued,
COUNTY SCHEMES—PRIMARIES CENTURE OF INSTRUCTION—continued
MUNICIPAL
MUNICIPA

	ж	UNSTEE	٠,						
-	Chare	Carts.	Kerry	Yezaerwik.	Tippenty (NR.)	Toyetty (8 R.)	Turpenty 43t.	Waterfird.	Tetals for Mander
Number of independent stadents excelled,	157	1,876	69	74	297	194	197	91	2,476
Sunder expelled in :- Preparatory Course Classes, Commercial Classes (preinding Las-	246	81 61.5		2	84	-	59 69	37 12	121
program Classes), Science (Press and Applied) and Methe-	240	251			23				275
matics Chases.		360		-	60	56	19		493
	111	176		74		60	71	30	300
Apt Clauses, Classes and Crochet Making, Rechardery, Spragging, Drawn, Three, West, &c.		27	50	52	98	18	8		567
Other Classes.		-	-	-	-	-			
Occupations of Structure									
Percons surged in Forming Occapations .		60			27	5 2	7	2	111
	5	132						8	161
Wood, &c Couch and Car Builders, Engreers, Workers in Hotal, Desugtioners,	=	30				-			20
Architects, Serveyors, Civil Engineers, &c.		î		Ξ					3
Printers Tracks - Corresponders, Lether-	1	1	-		1				3
graphets, &c. Textile Industrico-Designers. Weavers, Le.			-						
Painters, Decorators, &c.,	-	14					-1	1	15
	-	î					1	2	- 6
Printers Makers, &c Chemitos, Analysis, Druggisto, &c. Schutzer, Shopkerper, Warthousemen,	81	11 97			8		15	-0	197
Clarks in Consistings) Offices,	32 4	49 17	=		-4		-6	-0	35
Tearlier, Assistant Tearliers, Popli Tearliers	11	44 35			. 9	2	- 3	-6	75 55
Clerks in Ranks, Cord Service, Law, Al- surance, and Accountants' Offices. Tearhers, Augstral Teachers, Popil Teachers Stationts (University, Law, McColol), Occupations act included in the above Classes	- 4	31			4	8	22	. 9	102
Boys gest icit School or College, Roys still us attendance as School or College,	23 80	410			43	- 9	7	11	45 965
No occupations shaled,					-		5	13	1.519
Total Number of Young Mes, .	244	996			115	26	63	63	1,519
Postors topoged to Formers Occupations.	21	1	-	17	6				- 41
Donestic Services,	-6			- 1	3		-	-	18
Densigankers, Millimans, det,	9	- 6	- 3						
Terrific Infestinos—Busiliaris, wowers, sur Factory Worlets and included in above. Working in Loon, Crocket, historyshop, Spraguing, Drawn Thuani Work, &c., Salessormin, Sheghangers, &c., Carkis, College, Old Servania, &c., Carkis, College, Old Servania, &c., Teachers, Austrian Steakens, Papel Tenchers, Kentania, Christophia, Medicali,	1	25	50				13		60 61
Salesworms, Sheginggers, Ac.	25	45					- 4		74
Cierky, Custrers, Civil Servints, &c., Teachers, Assessed, Stranjers, Parel Teachers,	1				1		12	6	81
Students (University, Medical), Occupations not probable in above Classes, (igh past left School or Colkey,	14	20		60	- 3		16	1	105
Guile rest, left School or College.					-	12	10	10	176
Ouris still us attendance at Select or College, No occupation stated,	- 4	110 63	E		93 62	86	68	2	286
Total Number of Young Women, .	111	361	50	76	98	98	198	23	957
		1,376	50	74	207				2,476

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TABLE V.—continued. COUNTY SCHEMES—PREMAINED CENTRES OF INSTRUCTION—continued. URSTEL

_	Artein.	Armsgh.	Gavan.	Dranged	Dores.	Personaria.	Losdenberg	Monthly	Terrore	Totals for Ulster
Number of redivident students enrolled, . Number spreaded in		-	71.6	193		500	566	205	49	8 2,096
Sunder carefied in Preparatory Course Classes, Contrarrent Classes (helping Len-						73	100		15	1 299 8 410
Sewren (Free and Applied) and Mathe- mation Change	-	-	-			10	22	80	0	
Hairlicraft Clarent, Degraphic Relevant Clarent	-	-	-	-			100		12	8 98
Art Chosen. Chosen in Lass and Crochet Maling. Embreidery, Spragnag, Brawn Thrend Work, &c.	=		23.6	190	13	411	54	120		3 00
Other Classes,	-	-		-	Ŀ	Ŀ	Ŀ			
CONTRAINABLE OF STERENCE.										
France Men President Trainer, terbulang Workers in Wood, Ac.		=		-		5 4	10	10	11	76
Coneb and Car Sulbiers, Engineers, Workers in Metal, Dranchtuners,		5	-	1 :	1 :	1		-		3
Avaklects, Surveyors, Civil Regmeers, &c. Significal Engineers, Scientific Instrument	-		-		-	-	1	-	,	1 8
Printers Trades - Corrections Littles		0	0			1 -	1	10	٠,	1
Post for Industries-Designers, Weavers, dr.			-		-	-	1		1 4	
Painten, Decomion, du ,		3				-1	1		3	4
Trades involving Applied Art—Jewellers,	- 1		-				-1	=	-	-
Chempts, Analysts, Designets, &c., Salenzes, Diophrepers, Warrhousemen,		Ξ				24	32	19	18	1118
Clarks in Compensal Offices Clarks in Sards, Civil Service, Law, Ap- sizance, and Associates' Offices						6 3	.0	3 3	24	- 11
						2	5		16	23
Students (University, Law, Medical), Georgetions not included in the above Cleans.				=		-8	43	-0	20	82
Boys just left School or College, Boys still in alligned area at School or College			1:	3	:	ĩı	37	16	50 76	23 106
No secupation stated,		- 1				- 5		30		15
Total Number of Young Men,	-	-	-			76	179	83	224	278
Persona empaged in Farming Gerepotions,	:	ы	5		-		- 8	95	36 30	124
Decoration, Millions, &c.		= 1	E 1	=	=	1 2	16		5 8	35
Tevras Reference-Delagacia, Weavers, die	81	-			=	- 2	16	3		
Textile Bafacturas—Derganes, Weavers, &c. Pectory Warrer et derivated in above, Workers in Lawe, Cycobel, Emphrodery, Stefazina, Down Thrond Werk, &c. Salaso over, Stephecyers, &c. Carlo, Chines, Cvij Severant, &c. Carlo, Chines, Cvij Severant, &c. Bankers (University, Pethylling, Companies and the Companies of the Companies of the Companies and	- 1	=	163	150	=	415		20	15	15 759
Clerk, Carlgers, Only becomes, 40,	1		ξ,			6	5	22	20	25 57
Students (University, Medical),	= 1	-	-1			. 5	56	3	12	60
		Ξ	20			15	118	25	85	20
Garls still in attractioner at School or College, No occupation stated,		= 1	30	43		-6	22	30	46	161
Total Number of Young Women, .	- 1	-	215	193		458	230	180	208	1.518
Total Number of Students,										

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Table V.—continued, COUNTY SCHEMES—PREMARENT CENTERS OF INSTRUCTION—continued.

_	Gabray.	Leitrica.	Mayo.	Бозектико.	Day.	Totals for Commissible
Number of indevious students excited, . Number encoded in	997	19	224	78	119	eri
Preparatory Course Classes,	27 60			:		22 40
Scance (Pure and Applied) and Hathe-	-	-	- 1			-
Hardwardt Classes. Domenio Science Classes.	27	: 1	130	=	: 1	271
Art Classes, Chance in Low said Couchet Making, Entrodyry, scringing, Drawn Thread Work, &c	11 55	19	209	72	19	61
Other Classes,	-	-	-	-		-
OCCUPATIONS OF STUDENTS.						
Persons engaged in Farming Occupations, . Building Tracks, including Workers in Wood, &c.	11 18	Ξ	2	=	=	1
Couch and Car Ballders. Engraces, Workers in Hetal, Desighteness,	- 1	- 1	-		: 1	- 5
	- 1	-	-	- 1	-	
Ar-likects, Surveyors, Civil Engineers, 60, Engeltered Espineers, Sexually Restrument Makers, 60 Penting Tysics—Compositors, Litho-		- 1			2	
Textile Industries Desgrees Weavers,				-	-	
Printers, Devocators, de.			-	-	-	
Planebers, Gastificas, So., Trades involving Applied Art-Jewellers,	- 1		- 1	-	=	
Function Makers, &c. Chemists, Analysis, Draggists, &c., Salenner, Shapkreyers, Warehousemen,	- 5	= /	= 1	=	= 1	-
Clerks in Commercial Offices, . Circle in Books, Civil Service, Lev. Assistant and Accordant of these Teachers, Assistant Teachers, Food Teachers, Students (Cravensty, Lev. Medicals), Copyphican not included in the above	- 4		=	=	- 1	-
Teachers, Assistant Teachers, Peoff Teachers,	-		-	-		
	1		= 1	1 2	- 1	
Boys still in attendance at School or College, Boys still in attendance at School or College, No commutation stated	- 6		Ξ.	1 2	3	~
Yotal Number of Young Mon.	46	-			-	-
Young Women.	_					_
Persons cognect in Forming Occupations, .	34	19		- 1		5
Printing Tracks, Branchaltes, Millines, &c., Teatide Industries—Designaps, Weavers, &c.,	- 8					-
Teatrle Intestries Designars, Weavers, &c.,	-			- 5		
Fractory Workers not included in above, Workers in Law, Crocket, Superadory, Springing, Drawn Thread Work, &c.	-	-	201	-	10	24
	-					
		-	1		- 1	
			=	- 1	- 1	
Olyte yest left School or College, Outs still in attendame at School or College, No occupation stated,	55 50 125		- 2	712		37
Total Number of Young Women, .	241	19	224	72	19	57
Total Number of Students.	237	19	284	72	19	62

Tona V.-continued.

COUNTY SCHEMES-ITERBANT INSTRUCTION.

Lugnstee,

Occupations of Students.	Christma		Month	Youth	A GLOSTY.	King's Co	Lengteed.	Look	Manth	Queen's Co.	Westmand	-	weekee	Worklight.
Young Men		ı	1	Т	ı									
Persons causiged in Percent Occupations, Building Yorks, socioting Workers in Wood, &c.	4		3		4 3	i :	is to	7	4	18	10	5	4 1	6 51A 9 56
Couch and Car Burlders, Suppressers, Workers on Matel, Draughte-	1 %	1 =	1-		2	1 .	1	1	1	1				14
nico, &c. Architecto, Surveyono, Chvil Engineero, &c., Electroni Engineero, Smeutofic Instrument Malora, &c.	=	:	1:	1=		1 .	1 :						1:	
Printing Trades - Composition, Lethermalism, &c	-		1 -	-		1 -		. -					-	
Taxtis industries—Deugners, Weavers, &c. Funiters, Desognius, &c. Finiters, Consisters, &c. Drades provinces Augited Art—Jevellus,	-8		13	E	15		2 -						13	1 5
Furniture Malters, &c. Checunts, Analysis, Druggotts, &c., Selesten, Shopkespara, Wardansersen, &c.			1.	1			.] =		. 1 .	2	-	-		
Clerks in Commercial Offices, Clerks in Hanks, Chul Survice, Law, As- expanse, and Accountarity Offices.	-6			1	21		-	1	1	100	= 1	=	=	1 1
Teachers, Assatuat Teachers, Papit	3				12			2	2	2	3	2	1	37
Students (Curvenity, Low, Medical), Occupations not necluded in above Chesses, Hope test left School or Orders, Hope test left School or Orders, New occupation attack, New occupation stated,	100	1111	50	61	76	61			0 8	8	61	35 35	15	
Josef Number of Young Men, .	92		80	166	223	100	40	16		4	100	125	86	1,225
France Woosen									T	Т				
Princer engaged in Tarming Occupations. Bonnesic Servissis, Tradest Trades.	257 153	256 17	65 28	30G 64	16	76	12	12	3	8	51 12	211 27	44	1,417 356
Preside Industries Designers, Weaver, &c.	20		-4	8	8		-6		1 -	-1		-7	3	55
Factory Workers not included in above, Workers in Lace, Crocket, Europealogy, Springing, Brants Thread Work, &c.	56	34	=		- 9		15	37				-		71
Selectrocens, Shoplexpers, &c., Clerks, Codhers, Civil Servicits, &c., Deathers, Assistant Teachers, Paril	14 23	37 14	11 5 10	18 1 8	3 3	- 5	- 8	11			8	11	1 2	116 29 104
Specialists (University, Medical), Occupations not metaded at above Cleans, tights (and believed or College,	ar	93	- 8	=		1.	17	2	13		65	27	- 4 2 15	245
Girls still in attendance at School or College, No occupation stated,	89	29	13	40	19 30	12	15	15	19		17	3	1.5	380
Total Number of Young Women, .	593	450	197	392	111	120	59	155	93	15	н	220	73	2,968
Total Number of Students,	676	650	279	559	344	294	108	404	195	: 35	14	443	157	4,288

Table V .- continued.

COUNTY SCHEMES—ITEMENT INSTRUCTION, —continued. MUNISTER.

Occupations of Students.	Char.	Cark	Zerry.	Morriek.	Toperay (X.R.)	Taperary (S.R.)	Thysensy Gis Urban sad Samily,	Waterbard.	Youth for Muster.
Yeang Mes.									
Persons caraged in Farming Georgations, Building Trades, lanking Workers in Wood, &c.	46	152	35 89	=	45	1	13	114 33	934
Couch and Car Builders, Engineers, Workers in Metal, Draughts-	-	-4	=	:				-	-6
Architecta, Surveyors, Civil Enganeurs, de.,	=			ï		:			
Molers, 60 Printing Trades — Compositors, Latherman, 8c. Trades Compositors, Latherman, 8c. Trades Industrian - Danamers, Weatern, 8c.		1						1	
			1		13	100		2	1
Parelsers, Guefftters, &c. Trudes irrolving Applied Art—Jewellers, Furniture Mokers, &c.		-	3	=		=	=	2	
Furniture Makers, &c., Charalets, Analysis, Druggets, &c., Selection, Shapkerpers, Valencierons, &c.,		14	11		-1	1	: 1	1 8	١.
Clerks in Coursessed Officer, Low, As- ciscular, and Accountants' Officer, Estatore, and Accountants' Officer, Populosis, Asiakats Teachers, Pupil		20	1	=	ñ	_6			1
Teachers, Assistant Teachers, Pepul Teachers	2	25	14	-	2	1		26	
Steaker's (University, Law, Motheal), Occupations not included in above Classes, Boys said left School or College, Boys still in attendance at School or College, No occupation stated,	9 20 9	45 8 327	18 184 56		30	15 15	1 12 2	29 3 139	10
Total Number of Young Men, .	25	447	250		78	24	28	332	1,29
Finny Women.								-	
Persons engaged in Farming Georganisms, Demonio Servants.	95 12	273 58	500 43	436	158	338	62	115	2 01
Printing Trules, Decomplem Militages &c.	- 2	35	13	-6	-3	-	= 1	- 2	5
Partory Workers not unfield in above, Workers in Lam, Crothet, Embredery, Sprigging, Dunin Thornd Work, &c.		12		.1					17
	200	90	44	- 67	41	1	- 1		53
Clorks, Costorrs, Cavil Scrupti, &c. Dischess, Assistant Reacters, Pupil	15	20	8	24	īı	18	-1	-8	14
Students (University, Medical), Designations and Resisted in observe Classes.	96	45	34	14	- 4	31	-3	-4	- 1
tigris funt left School or College, Outs still at attendante at School or College, No occupation stated,	50	25 98	120 165	217 217 81	57 18	100	100	150	25 60
Total Number of Young Women, .	\$86	918	1,602	123	387	138	70	360	1,43
Total Number of Students,	410	1.365	1,304	923	360	562	14	650	5.7D

TABLE V .- continued.

COUNTY SCHEMES-INDERANT INSTRUCTION -continued.

Ulsten,

OCCUPATIONS OF STREETS.	Amelin	Armed	Dinas	December			retransign.	The state of the s	X.Ondibits	Ayrona.
Young Men.							T			T
Persons engaged in Foreign Occupations, Building Trades, Individual Workers in Wood, &c.	1	6		2 1	0 1	4	17	6 10	9 :	11 5
Benchesen, Workers is Metal, Dyanghta-	13				-	i .	1 -			
Architects, Surveyors, Covil Engineers, &c., Electrical Engineers, Scientific Instruments, Makers, &c.		1 =		1:		1 :				
Printing Trades - Compositors, Latho-										
Textile Industries - Dragmers, Weavers, &c. Pranters, Decousions, &c. Physikes, Gueitters, &c.	3	1 5			1-	1 =				
Trides sevelving Applied Arts—Irwellam, Nugritur Makers, Ar. Chemids, Analysis, Dengrida, &r., Roberton, Reviktences, Warthousters, &r.	-			1=						
Clerks or Banks Cond Senting Tons 1	1	2 6 1	1		3					1 3
Tenchara, Assistant Tenchers, Popil	7	8	10							2 4
Students (University, Low, Medicol), Occupations not suchded in above Clemes, Boys just lost School or College,	1 2	100	16		1 -	ž	-			10
Boys still in attendance at School or College, No occupation stated,	43	63	24	60	93	51	16		1 10	9 25
Total Number of Young Men,	187	107	173	139	178	144	28	209	45	
Young Women.		-			-	-	-	-	+	V.
Periods cagnized in Farreley Occupations, Donnellic Servants, Frinting Trades,	152 23	10	122	10 52	196	337	31 32	38	45	104
Decembers, McReeys, de. Fertice Radistries—Designers, Weavers, de Sectory Workers not included in above.	-2	11	1	- 0	2	1 3	8		- 3	
Workers in Lace, Crocket, Englandery, Spraguez, Draws Therad Work, &c. inkersonce, Shopkrepen, day			45	60	18	-4		35	-4	68
Trackers, Assistant Teachers, Pupil	12 3 15	- 9	127	24 14	33	1 20	1 80	12	13	50 21 122
Statests (University, Medical), Scorpalities not included in above Clauses,	že	-1	- 2	- 13	10	14	178	- 24	100	209
ids still in attractions at School or College, to compution studed	ñ	100	1 22 6	280	2 84	34 53	23	24	17	28 237 266
Yotal Number of Young Women, .	241	217	114	331	109	583	268	292	123	2,841
Total Number of Students,	378	204	287	400	587	120	200	445	263	

TABLE V .- continues .

COUNTY SCHEMES-ITEMERATE INSTRUCTION .- continued.

CONNAUGHT.

Occupations of Spublics.	Osbray.	Johnson.	Mayo.	Воэксепия.	Stigo.	Totals for Connectal
Young Men.						
Persons rugaged in Ferming Occupations, Bullding Trades, including Workers in Wood, dx.	61	-75	175	117	PG	51e
Engineers, Workers in Motal, Draughto-	=	=		-	1 =	1 =
Archeisch, Serveyers, Chri Engmens, &c., Esethnal Signieus, Samathe Instrument Malors, &c. Pranting Trades—Compositors, Litho-	=		1 =	-		
Printing Trisks-Compositors, Libbo- graphers, &c. Trisfile Industries-Designers, Wesvers, &c.		-		-	-	-
Painters, Decembers, &c., Plainters, Gaustiers, &c.,	1 :		- 1			٠.
Trades irrolving Applied Art—Jraellers, Furniture Makers, de.	2		= 1	=		- "
Salesmen Charleson Wanter, &c.				-	-	
Clerks in Constroyed Offices, Low, As-	-	3	_ 2		1 :	2
Teachers Assessed Touches	1 -		- 1			
Strategie (Chartemate Term Modern)				50		3
Score test beit February of Children	_ 3	2		-4	1 :	59
Boys stell in attendance at School or College, No occupation stated,	-7	- 29	- 69			89
Total Number of Young Mes, .	23	94.	263	171	62	673
PORTER WORKS,		_				
Persons engaged in Parming Occupations, Describe Services, Printing Trades,	947	150	281	89	161	1,588
	19	2 1		- 1	- "	- 20
Settle Industries - Desguers, Weaver, &r.	- 8		= 1	- 1		39
Sprigging, Dunny Threat Work, &c.			- (60	40
Address College, Civil Servants, &c.,	89 8 67	3	- 4	15	= ,	92 3 29
tudents (University, Medical),	23	-14		- 1		-
arts rust left Selacet or College, little still in estructure at School or College, to occupation stated,	20 20 20 55	20)	50	7½ 103	- 5	47 297 198
Total Number of Young Women, .	1,200	144	339	290	22.1	3,286
Total Number of Students,	1.774	236	666	461	291	2,938

973

TARLE V.—continued, S U M M A R Y .

-		Us	DAY SCHROOM		
OCCUPATIONS OF STREETS	Lonnitz.	Mirraboc.	Ubber	Corneago).	Totals.
Young Men.				-	
remons engaged in Forming Overpations, publing Trades, meloding Workers in Wood, &c.	27 157	159	68 281	2 34	654 654
Oach sed Cir Sunders,	329	147	16 863	4	1,355
Byto. 40. Surveyors, Civil Engineers, &c. Section Sugments, Section Sugments, Section Instrument Maker, &c. Trades—Compositors, Litho-	24 98	36 54	33 189	- 1	113 202
	99	44	77	18	233
Pexiste Industries—Designers, Wenvers, &c., Nucleurs, Decordon, &c., Trusters, Gaustiers, &c., Prader trestyres Applied Art—Lewellers,	95 89 41 34	11 60 51 30	465 64 57 50	11 9 1	512 162 150 117
Trades irrobyting Applied Art—Lewellers, Furrelines Skabens, Art. Furrelines Skabens, Art. Bornatat, Analysts, Bruggarts, &c., kaleman, Shopkenpers, Worshausersen, &c. kalents in Carmenaul Others, Barks in Hantis, Crui Sermen, Line, Ar- mannen, and Accommonsto' Others.	76 166 371 599	200 200 202 42	11.6 983 797 981	47 20	243 815 1,800 508
feachers, Assistant Teachers, Fugal	75	82	349	1.6	419
Studenta (University, Low, Mederal), become finns and tockeded in the Above	27 470	15	63	25	118 860
Chanes Says and left School or College, Says and an attractione at School or College, So compution Mattri,	72 192 161	320 130	223 222 298	- 61 6	146 604 495
Totals (Young Men),	2,741	1,527	4,714	276	9,558
Young Women.					
Persons engaged in Paramag Georgeticas, Derectile Servatas, Prartias 2006s. Servatas 100	508 8 95 27 45 2	41 15 41 - 5 296	34 325 8 810 838 467 29	21 30 30 30 31 22 2	35 625 54 496 370 529 128
legarones, Siephrenes, &c., Irrks, Castress, Ovd Serwols, &c., Icachen, Asiation Traches, Pupil	211 221 261	154 73 255	915 459 964	\$1 27 58	321 902 1,494
traineds (University, Medical), tecquidoces not included us above Classes, july you fall School or College, into soil as attendance at School or College, to occupation stated,	27 40 190 190 879	67 67 187 615	64 208 80 411 1,615	- 50 - 50 97	101 412 976 859 3,143
totals (Young Women),	2,731	1,721	5,538	229	9,008
Totals (Young New and Young Women)	5.972	3.998	10.222	814	19.156

Table V .-- continued S U M M A R Y .

7	PETERME	rx Scur nt cupl struction	eca od				er Scan			
Lemin.	Muster.	Uster.	Connangle.	Totals	Leioster	Montes.	Older	Conneght	Totals.	Occupances of Stroders
		-1								Young Men
40	131	76 60	13	\$43 \$87	510 56	404 95	651 58	510	1,981	Pegrans sugged in Farmer Occupation Building Trades, including Workers Word, &c.
11	4			36	- 6		1	-	7	Word, &c. Cough and Car Builders. Engineers, Workers in Metal. Draught
65	30	7 2		103	14	- 8			27	
2	3	2		7	-					Architects, Surveyors, Croi Hapmess, & Electrical Sagmests, Scientific Instrume Makers, &c.
3	3	4		10	-	1	-		1 10	Printing Trades — Composition, Lish prophers, &c Tradile Industries — Decamers, Weaven, &
21 0	15	4 0	-	25 25 25	5	3	20	1	10	Printers, Decorators, &c.
31	4			35	- 8	- 4		-	12	Trades involving Applied Art Jewelies Furniture Makers, &c
88.52	12 107 84 55	113 44 24	5	931 931 329 100	36 32 6	43 26 3	30 11 14	2	158 59 55	Chemista, Analysis, Dengista, &c Balceran, Barghrapens, Warehousenna, & Cincla fit Corressental Offices Clerks in Banks, Crist Herries, Law, & agragor, and Accountants' Offices
39	75	23		337	37	60	41	3	141	Trackett, Assistant Trackett, Pro
16	35 101	82	-1	51 231	še	369	10 47	50 T	61 247	Students (Currently, Law, Medical) Occupations not included in show Chees
90 198 21	43 568 21	22 102 15	_6	96 821 57	20 466 7	14 500 37	43.5 7	89 9	1,470 90	Boys just left School or College Roys stiff in attendance at histori or Colleg No occupation stated
870	1,329	558	46	3,013	1,935	1,292	1,923	623	4,513	Totals (Young Mcc)
					-					Young Westers.
67	46	125	53 14	293	1,417	3,917	994	1,588	5,636 739	Pences capaged in Fernance Occupation December Services Printing Teacher
68	18	25	- 6	100	61	59	31	20	162	Toyoth Properties Programs William A
23 8 236	40	13	240	1,256	38 71	177	88 90	. 43	119	Workers in Land Crothel, Endounter Springing, Drawn Thread Work, dt.
61 18	74	33	-	270	116	813	99 12	91	600	Carlos Coderes Onl berruits de
107	81	60	6	254	301	111	132	29	430	
68 19 171 171 198	21 106 39 174 288	241 36 161 14	22 32 200	215 104 508 750	265 14 299 302	230 29 758 435	250 35 217 268	27 47 197 158	790 236 1,660 034	Students (University, Maiscal). Development of included in above Class (Aris and left School or College Gris (Ullim attendance at School or Cultage No Occupation states).
1.114	567	1,3383	575	4,164	2,563	4,454	2,141	2,885	15,023	Totals (Yeeing Women),
1.981	2.476	2.000	600	2 377	4 200	5.790	3.504	2,908	16,836	Totals (Young Men and Young Womes

LOCAL SCIENCE AND ART EXAMINATIONS (IRELAND).

LIST OF EXAMINATION CENTERS, showing the subjects in which examinations were held at each Centre

Comma Districtional Engineering Community of the Community of the Community of Comm

Centre	Nome of Contra.	Subjects in which I	institutions were held.
	Jan C. Centre.	Science.	Art.
	LEOSPIEL		
6047	Co. Cataory Esecundatoru : Prescudatora Con- must.	Subjects XIV. and	F., CD., and M
6865	Conlow: Convent of Morey, .	XXV.	D. F. O.D. L. and
6356 6307	Tullow Brightine Convent, Tullow 86. Patrick's Spenting,	=	D., L., and M D., F., G. D., L., and
6245	Co Druggs Blackrock Manicipal Technical Release	Subject XXV.	-
6868	Chopekrod: Mount Sackville Convent.	Subjects XIV and XXV.	I
6563	Empitown · Managed Technical School.	Subject III.	F., G.D , and M
6041	Singwood Penterite Technical School.	Subjects IL, Vp., VIA., VII., stat XXVI.	-
6010	On Bonowen or Dunnay Dublin Christian Brothers' Novdinte, Marrio, Chestarf, Dublin Chiy of Dublin Technical	~	D , E., G. D., L., and M
	exacon.	V. (Dev. L), V. (Dev.	
	8 3), X3	X, Xp. (Stage 1), Xp. XIv., XIV., XVI	
6010	Dublin - McGoyottan School et Art.	Between L. E., G.D., M.D. Gitage W.L.	A. H., Anst., Arch., G.O., D., D.A., D.L., H.O., L., M., M.A., H. M. D. (Hoxe.), N. H., PF., Pens D., Ptg O.,
6035	Dublic Reyal College of Science, II.), Vp., Vi Ville., IX Sed XXVI	Sebports I. Ti., V. (Div. I h., VIR., VII., VIIA., VII X., Xp. (Sings S), XI), V. (00y.
9000	Co. KILKERRY : Killerry : City Trokusal School,	Barbara TTT as an	
6068	Kilkerry Leryte Courrent: .	Inbleots III., V. (Day, I.), Vp., and VL.	L. M. and P.F.

875
Examination Centres—continued.

Ceatre		Stildets to which E	Constations were held.
Number	Natio of Contro	Belvinos,	Art.
6665	Kine's Court : Econolice Le Samte Union Con-		F.G.D.L and M.
6500	Perr Technical School,		E.
6416	Co. Locus Rengheds: Managul Technool School	Sabjects L., III., V. (Orv I), Vp., VII.,	D., F., L. and M.
6120 6415		Xs. (Steps 1), and XX, Subposts L., IL, III., V. (Div. L.), V. (Div. VI.s., VIII., VIII., V III.C., IX., X., Xp. (Steps)	F. F., G.D., L. an M. Tite, VIII., 600 2), XIX,
6566	Co. Maseu: Navin: Ecreto Abbey,	-	G.·D., and L
6320	GUNER'S COUNTY: Abbushest: Brigatine Couvert, .	Subjects XIV. and	I.
6106 6359	Mountmethol: The Friends' School Mountmeth : Brigidize Convent, Mountmeth : Measstery School, .	xxv.	F. F. G.D., L. and M.
(31) (31)	CO WESTMEATH: Addition: La Sembo Un on Convent Addition: 54 Mary's School	Stituette VIA . IX., and	E, 6.D, L, and M. D, E, 6.D, L, and M.
65.26	Mullinger Loroto Convent, .	х.	I.
6349 6085 6716 6715 6017	Co. Wixings Expelo Oxyent, Engesority Trothings School, Garry: Lopto Atter, New Zon: Technologies, Nictoralumy: St Mary's Oxyent. Walter! Minneys: Technologies School.	Subject III. Subjects XIV and XXV Subjects II. and Vp.	G.D
6607	Co., WHERMON School,	Subjects II , NL, and	F.
6497 6702	Heary Technical School, Weldow: Technical School,	Subject III.	ө.·D. — .
	MUNSTER		
0063	Co Charr: Essis: St Mary's School, Couvent of Morey.	-	F. and J.
9933	Co Cong: Handon: Techgoni School,	Subjects III., X., and	D., P., L., and M.
6011 9967 6064	Blackrock: Unwike Convest, . Conskilly Technical School, . Dignistryny: St. Mury's School, Convent of Chanty.	Xp. (Steps 1). Subject X	D, sod G.D. D, F, G.D., and L D, F, G.D., L and M
6010	Fermey: Trobured School, .	Subjects I , MI, and V. (Day, 1)	A.D., D., F., G.D., L. and M.
6635	Kkeele: Technical School, .	Subjects: X. and Xp. (State 1).	sed at

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Examination Centres-continued. Subjects to which Expressions were held. Center Name of Centre. Same: Co. Conx-con Miscroom: Westmood School, . Subjects X and Xp Mellow: Trefragal School. F., 6.-D, and L. F., 6.-D, and M. Garcintown Technaral School, Subjects I , IL , III , ZV , Vp , VII , VIIA , IX and XXII. 9750 Subjects II., VII., VII., weil XXII Ringueloddy : Technical School, Skibbersen Technical School, . Youghal Proportising Convert, Youthal Technical School, . On BOXDORN OF COEN Cork : Christian Brothers' Schools, Ozr Lady's Mount Cork : Crawlers Murroupel on I lastificate Cork: Presentation Bertham Transing College Thisting cosens: Cpri. St. Aleysion' School, St. Marw's of the Isle. Cors. St. Vaccust's Convent School. Behred V. (Drr. L). D., F., G.-D., L. sod M. Co Xmay Killstney Technical School, ... Listowel Technical School, ... $\mathbb{F}_{*},\;\Theta\cdot\mathbb{D}$, and M . Find MSubject III Subjects I, II, III, and Vp Co. BODOTOR OF LEATERS Do F. C.D. L. and Langered, Managed Science and Technical Science M. A.-N. D. D.-A. F., G.-D. L. M. M.-A. F. P.-P. Pig.O., and B.L. Subjects I, H, III., Y (Do I), Vp, VIA, VII., VIIA, VHI., IX. X. XP (Stage I), Xp (Stage 2), XI Subsect V (Dav. L) Subsects I., II., III., Yp., Vila., Yiz., VII., YII., VIII., VIII., and XXIII Subpects V. (Dav. I.), and X. Presentation Council, Central Technical D, P, L, and S L D, P, G-D, L, M, and P. Shurles | Truine Corvent, . . Subjects V (Dec. L), XIV and XXV. C. Wattanon Dangarvan Technical School, Subject III Lumore Technical School, Subjects L. and III. Transer Technical School, Subjects L. and III. D, F, and G-D

EXAMINATION CENTRES—continued.

Centre		Balgects in which Ev	Ministers were bald.
Symber	Natio of Control	Situace	Art.
6417	Co. Homeouth of Warraston Waterfood, Central Technologi Institute.	Selocete L, II, III, V. (Dov. I.), V. (Dov. II.), Vs., VII., VII., VIII, VIII, VIII., VX., Xp. (Stage 1), Xp. (Stage 1), XI., Xp. (XVII., XXV., and XXVII.	Amt. Arch. D. F. 6-D. L. M. P. F-F. Fig O and S.L.
G118 G100	Waterford Chrucine Brethers' Schools, Mount Sens. Waterford: St. Anne's Eigh School, Unvalue Couvers.	-	M. F. G.D. L., and M.
	ULSTER.		
6359	Oo, ANTENES: Ballymena Manucipal Technical School	Subjects I., II., III., V. (Dev. I.), V. (Dev. II.), Vp., IX., X., Xp.	D. F. G.D. L. M., and SL.
6850	Ballymoney: Technool School,	(Stage I), and XXII. Subjects I., III., Vp., Xp. (Stage I), and XXVI.	F , GD., L., and M
6915	Carnelderros : Technical School,	Subjects H , BH , and Vo.	F.
4238	Legge : Technomi School, .	Subjects II , III , V. (Dev. I.), IX., and Xr. (Sings 1).	D., F., 6D., and M.
9116	Ludwern Ulater Provincial School	Subjects V. (Day L), X , and Xp (Stage I).	Y , mal M.
6863 6887	Ob. TORLOWER OF BIRESHEY. Bedfast: Christian Brothers' Bedfast: Christian Brothers, Bedfast: Municipal Testimonal Buildings.	Subject Vp Subjects I., II. HL., IV., V. (Dev. II.) V., (Dev. II.) Vp., Vis., Vis., VII., Vis., Vis., VII., Vis.,	A.M., Anst., Arch., CO., DD., BA., DD., EC., L., M., MA., X.D., Stang, NM., NJ., PF., Pers. Proc. C., Nig. O., and SS.
6001	Eghint: Victorio College, .	xxv. –	y
6367	Co. Annaga: Armaga: Municipal Prelimost School.	Subjects E., III., and Vp.	M.
6008	Argaugh - Noteral History and Philosophical Society's Art House		D, F, 6.D, L, and
6433	Legger Convert of Our Lady of		F, GD., L, and M.
6367	Marry, Lensin Museupal Technical School	Publices L, Vp., VIB, VIIIa, VIIIc, IX. and X.	D. F. G.D., L. M., and P.F.
6924	Portadows: Managal Technical School	Subjects II , Vp , VIL, and VIIa.	D., F., O.D., and M.

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EXAMINATION CENTRES-confirmed.

Cen	tre	Subjects to which	Examinations were held
Van	Name of Centre	Beience	Art.
604	Co. Down: Emstrage Tretannal Schools	. Subjects X. and Xp	F. ond GD.
655	7 Bacque: Technical School,	(Stage 1), Stagest V (Div. 1).	F. G.D. T. W. av
667	Holywood Municipal Technic School	al Subjects X , and Xp.	
654	Sewery Municipal Tecturie School.	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0 0 0 00
0540	Xewtormands Musicipal Toolso (a) School,	Subjects I and III.	F , L , and M
6875	Co. Lexinorromay	and IX.	C-O., F, and G.D.
4235	Total Police Report,	Subjects 1, III., Vp., VIIIn., VIIIc., X., stal Xp. (Stage 1).	D. F. G.D. L. M.
6943 6976	Heaterstith . Testinini School,	Subjects I and III.	F. soi M.
6549	Co Benouse or Leguconumber Landsonberry: Convent of One Lady of Morey.		D , F., G-D., and M.
6607	Londonderry Memorpal Techni- ed School.	Sabsects L, II, III, Y (Dev. L), V. (Div.	C-O, D.F. G-D.L.
erro	VIL, VIA IX, X, 2 Londondarry Stgand Home School	Subjects L. II. III., V (Dev. L), V. (Dev. II.), Vp., VLa., VIz., VIII., VIII., VIII., VIII. (p. (Shape 1), XI. and XX Subject XIV.	Pago na, Ville, na
es:	Co. MODAGEAN: Corrickspaceon Convent of 84, Louis.	-	F. G.D., and M.
6000 6562	Cookstown Instruct School, - Durgarners Technical School, -	Subjects III , IX , X , 200 Xp. (Stage 2)	D. F. G.D. and M. D. F. M. and P. F.
9707	Ossigh Technical School,	Subjects HL, IX , X. and Xp. (Stage 1)	F, and M.
703	Simkane: Technical School, .	Subject III	F, and M.
	CONNAUGHT		1
594	Co. Calway; Baltinator: Technical School, .	Subjects I , V (Div. I), and Ve.	D., F. L., M. and
005	Galway - Cay of Golway Techna- oil Institute		F.F. and M
067	Galway Denamican Convent, Taylor's H ₂ Q.	and XXVI Subjects XIV and XXV.	-
203 218	Co. Maro., Kilimugh: St. Lean Convent., Wrstpool: Christian Brothers' Schools	Subject X,	
HS NS	On Since : Since Mount Brothers' Institute, Since Westerpal Technolal School	Subject V. (Div I.), Subjects I., III., v p (Div. I.), and Vo.	, G.D., L., and M.

379 TABLE VII.

LOCAL SCIENCE AND ART EXAMINATIONS (IRELAND), 1910.

Summaries of Results.

	Y.	ar.			Number Extremed	Number Passes.		Number of Federes.	Percentage of Passes.
1910.					6,980	5,638	Ξ,	5,288	61-09
1909.			- 1	- 1	6,143	3,555		8,607	37.00
1908.					5,910	3,587		2,032	60-60
						3,641		2,636	57:44
1906.					6,109	3,473		2,635	56-86

(The corresponding figures for the Exeminations of 1909 are given to Egist type

								Number Executed	Xteater of Passes.	Number of Fedures	Percentag of Fascon
Science	Townia.	ntio	60,		Day, Ereca	ng,		No No 2,696 2,599	Enmerced 1,679 1,651	ore held comp held 1,017 890	48.58 61-61
								2,029	1,679	1,017 895	68:25 64:51
Art Ex	anceste	986,			Doy. Even		. {	No 255 3,830 8,258	Examinati 167 1,859 1,734	one (#14 95 1,271 1,624	63-29 64-68 54-61
								3,220 3,523	1,959 1,931	1,971 1,718	50 65 20 63
You	the pr	ryce	us of by th	can;	pazuos entel o	the Edu	Egyaren Sution,	of the wh Wintebell	ado of the	Exceptation in the Control of the Co	ner beld
Eciones							1960 1960 1968 1907 1966 1950	68,344 68,253 69,195 73,733 Fig	45,117 56,011 46,006 50,044	t avajable 23,229 23,242 23,270 23,483 t avajable	65°01 67°41 67°82 68°14
Science Art,							1500 1108 1007 1005	68,344 68,253 69,195 73,733	46,117 46,011 46,966 50,844	23,239 25,242 22,270 23,489	66-00 57-41 67-85

		8132	e 1		859	go 2.		50	nge :	2,	1	Sinc	gen.
Stinners.	Version Version		2nd class	Number Streets	100	De Con			Jah Class	204 Chas.	Number Ensureed.	the Class	204 Clear
L. Przeteni Pleus and Solui -	100		46	57		5 3		15	1 9	8	7 0	1	2
D. Mochan Construction and	163	30	62	73	ŀ	7 8	5 1	8	ı.	5	0	1	-
UL Building Construction and	193	24	86	50	12	2	8 4	1		20	1 16	-	-
DESKIEG.	93		18	72	2				3	15 6	14		-
IV Naval Architecture,	15		2 18	8	1		5	4	1	3	1		
Vp. Practical Mathematics,	909	00	25	163	11					13	-		Ē
Do (Setelann 1 cedy)	110	108*		-									-
VI a Theoretical Mechanics Solida),	59 42	10	85	51 15	5	86				- 1	-		
YIn Theoretical Mechanics (Fluide)	15	9 0	4	19	00 00	9				-	-	-	
VII Applied Machanica.	90	10	86					-			-		
VIIIs) Applied Mechanica J	119	53	25	62 53	200	28	25	1		7			-
(Materials and Semotures),				- 25	-	-	10	-	ŀ			-	-
V18(b). Applied Mechanics (Mackette and Rydmighes),				-		-	-	-			-		-
VIII. SOURS, Eight, said Heat, {	42	10	27 29		-						1	4	-
VIIIA. Sound,			-	10	2	5	1		1		I		-
FILTE Elgist,			-	11		5 8			-		1		-
Title Heat		-	-	17 85	1	12	1	1	1				-
IX. Magnetium and Electricity {	92	59		25	- 8	13	3 1			1:			-
9.				15	2 7	2 23	1	1	-	ŀ			-
	19	65	65	15	1	10	4	-	2	-		- 1	-
XI. Theoretical Organic Chera- {	3	1 8	8	3	3	- 2	1	-	-	12			1

381
Science Examinations (Ibeland)—continued,

Stage 1. Stage 2. Stage 3. Honores.

	Ľ	*****			- Carlo	•		J.1.44	*-	J.,		314.
SUBJECT.	usher Extrated.			Example.			Everned.			Surber Example.		
	Number	Dit Class	2nd Chan	Svenber	Int Ches.	25d Okes	Sumber	255, Class.	Ind Ches.	Sumber	1st Class.	254 Char
Xa. Properl Internal Chem.	24	83	1.5	39	1	10	3	b-	2	-		1-
litry	89	19	36	39	4	19	9	2	2			
XIp. Practical Organic Chemistry,	7	8		4	7		1	15	1	-		
	Iż	1	3	2	. 1	1	-	10	-	-		
XII. Geology.	2	1							-	-		
(1	2		1	1				-	-	-	
XIII. Microslogy,	3		8	2	п	3	2					
	1	7	11	17				UF)	٠.			
XIV. Homan Physiology.	94	20	91	11	2	7 8	1	-			0	
	30	23	ZA	1	2	1					٠.	
XVI. Zoology,				•								-
	14	1	8	1		16		18.	0			
XVII. Bottony,	17	2 2		3		2						
9	21	0										
XVIII Principles of Minteg					0							
				1		1						
XIX Theoretical Metallingy,				Û	١.	Ľ.	ш					
	9		13			II.	L.					_
XX. Navigation,	Ĭ.				ш				-			
	55	9	24	25	,	19	11	8	8			
XXII. Blest Engines,	35	6	28	29	3	16	16	8	6			
è	5	1	2	- 5		١.			-		-	
XXIII. Physicaniphy	5	3	-	7	4	2			-			-
Du. (Section 1 coly)	18	17	-	L								
and the same of th	11	*5										-1
XXIV. Agnoultonal Science and Basic Economy (Stage 1),												
British Receiving (Strate 11)	1						-		-			- 3
XXIV. Agricultural Science and Right Economy Obertion A)		-		4	4							
Errin Establish (Street W) [-	-							=1
XXIV. Agricultural Science and Xural Economy (Section B)				2	1	1						
				1	1	1				1		
XXIV: Apprehend Scenes and Earel Economy (Section D)					1						-	
		Ī		1	1					П		
				4				-		П		
XXIV. Agricultural Squager and												
XXIV. Agricultural Science and Scient Science (Section B)				3	1	1						

. Passes, only one class of success

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SCIENCE EXAMINATIONS (IRELAND)-continued.

		Stage 1. Stage 2.					Stage 3,			Honoura.		
SUMME.	Number Examined	lat Class	2nd Chas	Sunder Equipped	Int Cleas	2nd Ches.	Xumber Bostumes.	Jul Clan.	Strd Class	Number Escaped.	fet Class.	2nd Obes
XXV. Hygicus,	(86	8	21	1.00		10	1		1			-
man - mygnas,	1 48	6	17	23		3	2	-	1	-	-	-
VVVI Whenches Co	f. 36		11	-					-			-
XXVI. Elementary Science of Com- mon Life,	1 22	15	10		-				-		-	14
Tutale,	(1874	393	444	764	110	357	192	19	77	28	8	2
Avien,	1300	357	173	642	16	333	171	16	72	19		3

SCIENCE EXAMINATIONS (IRELAND)-MATHEMATICS.

	8	tages 1 t	0.7	Honores				
	Number Et- attend	1st Class	find Olian	Number Ex- manel	lat Class	Sad. Class		
V. Mathemoton, $\begin{cases} Division I & \begin{bmatrix} 1 \\ 5 \\ 3 \\ 4 \end{bmatrix} \end{cases}$	141 200 106 113 57 45 2	50 92 18 89 19	76 115 88 43 23 21 2	11 7	_2			
Divince II 5	99 20	7	9 <u>0</u> 10			=		
Totale,	366	90	173 195	11	2	9		

ART EXAMINATIONS (IRELAND).

SUBJECZ.			Numbee Exercined.	First Class.	Second Class.
Freehand Drawing in Outline,				198 147 20	570 405 194
Drawing in Light and Shade fro	m a C	last, §	375 607	33 174	127
Model Drawing, .		. 3	660	118 56	243
Geometrical Drawing,		. 9	419	52 6	101
Perspective,		. 3	77	14	37
Drawing of Common Objects from		nory	15 194	1 22	68
Memory Drawing of Plant Form		. 1	113 39	25	48 14
Drawing from the Antique,		- 1	43	3 2	21
Drawing the Antique from Mem		- }	15	-2	11
Drawing from Lafe,		. }	36 i	3 7	15
Anatomy,		- 3	23	3	16
Painting Ornament,			41		12 20
Painting from Still Life, .		. :	59	18	22 17
Principles of Ornament, .		. :	58 . 46	1	17
Historio Ornament,			16	-6	10
Architecture,			10	- 3	3 4
Architectural Design, .		- 3	3		1
Design, Stage L.			326	20 48	125
Design, Stage II.,		. :	98		14
Dasigo, Honours,		. 1	11		1 4
Modelling the Head from Life,		. !	9 4	2 2	
Modelling from Lafe,		- 1	4 6	2	-1
Modelling from the Antique,		. 1	.96 23	1	5
Modelling Dongs, Stage II.,		. 1	9 14	-,	3
Modelling Design, Honoure, .		- {	1	=	
To	tals		3,230 3,358	584 471	1,425

King's Prize (Science) Awarded to an Irish Student.

Belpast: Municipal Technical Institute.

Name of Candidate.	Subject for which Prize was awarded.
Welface, William K., .	Building Construction and Drawing— Stage III.

Medals gained by Irish Students for securing First Class Succeases in the Examinations in Honours of Science Subjects.

BELFAST: MUNICIPAL TRUBBICAL INSTITUTE.

Nome of Candidate.	Subject for which Medal was awarded.
Blair, Atholl,	Machine Construction and Drawing. Prottical Plane and Solid Geometry.

DUBLIN: ROYAL COLLEGE OF SCIENCE.

Nance of Candidate.	Subject for which Modal was awarded.
	Pure Mathematics—Division I. Pere Mathematics—Division I.

TABLE VIII. NATIONAL COMPETITION, 1910.

Medals, Prizes and Awards gained by Irish Students.

BANGOR: TRUINIDAL-SCHOOL.

Name.	Description of Work,		Award
Barnen, Robert,	Design for disunfacted connect,		Connuedet.

BELPAST: MUNICIPAL TROUNICAL INSTITUTE.

Nume.	Description of Work	Tearl
Balt, Elizabeth Avn.	Modelled foot from paters	Contracted.
Coccebes, William John	Doegn for diggest papion.	Brouge Medal.
Davisco, James A.,	Designs for execusive free teles,	Brown, Madel
Dense, Charles F.	Design for disputat table-cloth,	
Duncia, Princes H	Design in outline with tirted geored,	Natural Real Pro-
Ferron, Jonges.	Design for diemed, nepton,	
	Shaded study of a draped figure from His	National Book Prin
Goddin, Wilhelmon, W.	Water-colour parating of a head from life, ,	Connerved
	Decagn for a frontingiono,	Commended
Gircon, Himbeth E. (Studies of plant form,	Conservated
	Modelled foot fours the cast,	Commended.
Green, Recogn G Mr	Desgn for a colour print.	Commission
Herrig. Groups	Modelled head as rebel from cast to the round	
Billand, Figures	Medellad foot from the cust	
Kune, George Mac- Dowell,	Modelled 5006 from the euro,	
Loxenson, Errest W.,	Design for stateod glass.	National Pools Print
Lilloy, Burbert B., .	Time sketches of agrees from the tools,	Notional Sock Page
Lilley, William,	Dengs for damask table-els4b,	Propose Medal.
Montgomery, Harry,	Ornagerst modelied from the rest,	Commented.
Nelson, Marron,	Besigns based on a flowering plant,	Contracted
Smyth, Joseph,	Time skytches of figures from the made, .	Corrasoded
		Consumoded.
Wilson, Edgib Electron.	Strates of birds treated for dealm	Connector 6

CORK: CRAWFORD MUNICIPAL TRUBEICAL INSTITUTE.

N1226.	Dustription of Work.	Award
O'Finlarly, Matilda, .	Shouled drawing of a head frees the antique,	Communical

DUBLIN: METROPOLITAN SCHOOL OF ART.

Name.	Description of Work	Arred.
Angle, Eleabelle, .	Studies of plant-form,	Commental
Ented, Augusta, .	agricus	National Book Prize,
Contrillo, Lucy Econo.	Strakes of plant frem,	Composied.
		National Book Pene
Cartie, Phoebe		
Degrup, Thomas		Commended.
Doesn, Mary,		Breen Medal.
Durner, May,		Contrarelat
France, Michael,		Contraction.
		Cumpodol.
Dencen, Use,		Currended.
Euges, Helene	Drugs for standeled player, Gauss in all colours, Modelled hand from the cost, Smaller of plant form, Dampse based on a flowering plant, Dampse based on a flowering plant,	Remare Hedel.
	Design for ensuelled phopse,	
		National Book Print.
Too, Kethleen, "	Should drawing of a figure from the mole,	Соптинесфей.
	Od painting of a figure from the mole,	Continueded, Continueded
Hymitton, May.	Design for crawnelled places.	Communicá.
Bryden, John :	Studies of Instorio styles of ornatamet,	
McGand, Annie.	Stokes of ghust form,	Communited.
	Green in oil colours,	Commended.
Johnstone, Ekmheth,		Broom Modal,
	Ture skytches of figures from the orde.	National Book Proge.
Lakerner, Ernest,	Design for observed glasse,	Congaraded.
Lavelle, James,	Steadars of plant force.	Commoded.
	Steaders of plant form, Design for a copper bow! with stand,	
Lynch, Mary,		
O'Keefs, Margaret, .	Stirly in stateou gless, . Design for dramatic table cloth, .	
O Kelly, North,		
	Design for a silver and ensembled besign and	
FURER, Albert G .	Model of a figure from the male,	
	Modelled design for a brootte,	
Quigly, Kathlens,		National Book Prine
	Dougn for encueffed bott-buside,	Currinended.
Slater Trees.	Design for closed glass,	Conxunging,
	Studies of plant terms. Studies of plant terms.	Congressioni.
Tucky, Princk,	Science of Janua 1988,	Commercial.
	Gourp in od colorny,	

LIMBRICK: MUNICIPAL SCIENCE, ART, AND TRUINICAL SCHOOL

Name.	Description of Work.	Awars,
O'Nyon, Gertesda, .	Group to old colores,	Commended.

LURGAN: MUNICIPAL TECHNICAL SCHOOL

Капас	Description of Work	Award.	
Monroe, First A	Derign for drimmik linco copkin, ,	Frome Medal.	

387 TABLE IX.

EXAMINATIONS IN SUBJECTS OF TECHNOLOGY (TRELAND), 1910.

	Summaries of Results.									
			TRIE.				Number of Candidates Examined,	Number of Cambinates Passed.	Number of Prince	
1910,							887	508	35 30	
1935		- 1			- 1		822	646	10	
1907,	:				1		597 907 822 973 730	512 646 493 377		

Na. al ichaol	Centre of Examination.	Number of Caedi- dates Exampled.	Number of Cundi- dates Passed.	Number of Pease.
6387 6538 6639 6644 6287 6248 6386 6638 6416 6609 6415 6673 6673 6673 6673 6673 6673 6683	Standard Sta	877 8 6 8 4 200 9 8 - 1 1 1 1 1 4 0 0 1 1 1 2 2 2 - 2 - 2 1 1 1 1 1 7 4 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Examinations in Subjects of Technology (Ireland), 1910-con

No. of School	Orotre of Economycan.	Number of Custi- dates Executed	Number of Candi- dates Passed.	Number of Prizes.
6629	Irmenck : Mantdpul Science, Art and S Technical Science.	65 30	28 15	1
6937	Londonderry Hannaged Rechnical School,	20	35	1
6367	Lurges : Manisipal Technical School .	20	16	-1
0963	Maghierafekt : Technical School,	16	6' 16	=
6934	Navon - Tochestrol School	= 1	=	=
6544	Newsy : Municipal Technical School,	11	10	=
66.63	Newtownests : Managest Technical School,	8 8		=
6337	Omega Technical School,	0	1 1	=
5504	Quermiorn Trekning School	13	-9	-
6006	Ratherana School of Domenic Recognity,	- 1	-8	-
6042	Empreed Penigole Periment School,	200	23	-
6763	Sligo . Managipal Technical School,	34 7 4	11 8	=
6571	Trains : Contral Technical School	14	1 6	-
6457	Waterford : Control Technical Engineers	26	11	=
2200	Wieldow : Technical School,	- 18	12	Ξ
	Totals,	897 917	588 512	25 10

Prizes and Medals gained by Irish Students.

BREFAST: MUNICIPAL TECHNICAL INSTITUTE.

Name.	Subject	Gasda.	Hace taken at Evansi- nation.	Prists.
Berson, Arthur Languist, .	The Spanning,	Outrary,	First,	68 (Clothworkers) uno Perens Madal
Cleaks, Isobel Mustegroo, .	Millingry, .		Scenad,	48 (Neoffertaaksen) are
Coulter, John Welliam, .	Linea Weaveng,	Honoury,	Past,	Repose Medal A3 (Clothworkers) and
Livingston, Hamilton,	Did Menage-	Honours,	Fint,	Silver Medal. 35 (Cickleworkers) ass Silver Medal.
Olihom, Thomas Henyikil, .	Plax Spinning.	Onlinery,		il bls (Clothworkers and Broase Modal.
Fatterson, Fred,	Cotton and Luncal Eleastrony and Presidence.	Orlinary,	Tiuni, (equal)	Boomes Modal.
Bratchile, Francis Welliam, Strain, Stephen Noel M.,	Flox Spinning, Luce Weaving,	Ordinary, Ordinary,	Third, First,	Breese Medal 22 (Clothworksm) and
Woselechowska, Wilhelm S. L.	Plax Spiteling,	Honours,	First,	Brunes Moial. 23 (Clothworkern) and islant Medal.

Prizes and Medals gained by Irish Students-continued.

Dtr	BLIN:	CITY	OF	DUBLIN	TRUBUNICAL	SCHOOLS
					Have	

Name,	Subject Orade,		Place tolice at Exerc- nation.	Prise		
Coulses, Ruchard,	Motor Car Engineering	Ordinary,	Fust,	82 (Fortadens) Brosso Modal.	tes	

FERMOY: TRCHNICAL SCHOOL.

Nage	Subject	Grade.	Place taken at Every- sation,	Prize.	
Coughiso, Palesci,	Briskwork, .	Honours,	Second,	82 10s. (Tylers or Bretcheyers) and Silv Medal.	

Name.

GALWAY: CITT OF GALWAY TECHNICAL INSTITUTE.

	-	mton			
Hyzes, Patrick,	Telegraphy, .	Ordinary,	Thiot,	Brense Medal	

LIMEBICK: MUNICIPAL SCIENCE, ART AND TECHNICAL SCHOOL

Nunc.	Subject,	Grade	taken at Examp nation	Pros	
Cundon, John,	Tolori Catting,	Ortmary,	Third,	Brusso Medal.	

LONDONDERRY: MUNICIPAL TECHNICAL SCHOOL

Name.	Subject	Grade.	Place taken at Exame- gation.	Prime	
Corin, Baberl,	Plasteres' Work	Ordanay.	Second, (reput)	61 10s. (Phytocora) and Brouse Modal.	

Prizes and Medals gained by Irish Students-continued.

LUBOAN: MUNICIPAL TECHNICAL SCHOOL.

Name,	Subject.	Grade.	Place taken at Eccasi- nation.	Priss.
Harrison, Joseph,	Ligan Weaving,	Onlinary,	Threi,	Restate Modal.

List of Intan Cardinaries awarded Scholarshies and Exiliarzions offered by the Worshipper Corpersor of Diagrams on the results of the Examinations of the City and Guilds of London Institute in the several branches of Texture Maxupactures.

One Scholarship of the Annual Value of £60, in addition to College Fees, tenable for two years. .

Coulter, John W. (Linen Weaving)—Belfast: Municipal Technical Institute.

Four Exhibitions of the Annual Value of £10, tenable for two unars.

Armstrong, John (Linen Weaving)—Belfast Municipal Technical Institute,

Dermott, James (Linen Weaving)—Lurgan: Municipal Technical School.

 $\begin{tabular}{ll} MeClatchey, John (Linen Weaving) $--Lurgan: Municipal Technical School. \end{tabular}$

Oldham, Thomas H. (Flax Spinning)—Belfast: Municipal Technical Institute.

EXTRACT from the ANNUAL REPORT of the City and Guilds of London Institute for the SESSION 1909-10.

"The number of inflational classes in Victorialsy and of supplies in numbers to the observer, and the company of the large street, more 20 to 100, and the TALL in ALES proposed with 100 to 10

ROYAL COLLEGE OF SCIENCE, DUBLIN.

FORTY-SECOND ANNUAL REPORT OF THE DEAN AND COUNCIL FOR THE ACADEMICAL YEAR, 1909-1910.

TO THE SECRETARY, DEPARTMENT OF ASSIGNATIONS AND TRUMPORT INSTRUMENT ON THE AND

Sin_i have the honour to submit to you the Perty-Second Manual Ropert of the Consol of the Royal College of Science. Annual Ropert of the Consol of the Royal College of Science. Annual Ropert of the Consol of the Royal College of Science. Annual Royal College of the College o

conjoint examiners were appointed by the Department in twentyfive subjects.

The annual award of diplomas, scholarships, and prizes was made by the Council ou the 19th of June, 1910.

Short Summer Vacation Courses to Science Teachers were given in the following subjects:—

Chemistry. . Third Year, to 37 students Fourth Year, to 24 Physics, . . First Year, to 50 Third Year, to 23 Fourth Year, to 8 Mechanical Science. . Third Year, to 7 Fourth Year, to 6 Botany, . . . Fourth Year, to 5 Rural Economy, 30 Hygiene and Sick Nursing. . . Total of individual students, ,

Mr. Otway H. Little, B.A., A.R.C.S.C.I., was appointed Assistant to the Professor of Geology, and Mr. Henry Webster Moss was appointed the Junior Assistant to the Professor of Chemistry.

The following students were awarded the Diploma of Associate of the Royal College of Science on the results of the Sessional Examinations in 1910:-

Faculty of Engineering .- Mr. R. J. Dods, Mr. J. P. M. Hackett, Mr. E. McConnell, Mr. W. M. Stephenson, Mr. F. M. Wookey. Applied Chemistry .-- Mr. J. R. Douglas, Mr. J. E. Elliott, Mr.

B. G. Fagan, Mr. W. H. Knott.

Agriculture.-Mr. James Duffy, Mr. Martin Glesson. Mr. John Jennings, Mr. Charles C. Maguire, Mr. Patrick F. Moloney, Mr. Gerald O. Sherrard. Teachers-in-Training.-Miss MacDowell, Nat. Sci.; Mr. P.

Rocks, Physics; Mr. J. B. Coghill, and Mr. J. Le Court, Chemistry. Mr. Isaac Swain, A.R.C.Sc.I., B.A., Assistant to the Professor of Geology, was appointed Professor of Geography and Geology in University College, Cork.

J851 Exhibition Research Scholarships :-

Mr. Alfred George Gordon Leonard, A.R.C.Sc.I., B.Sc., Lond., whose 1851 Exhibition Research Scholarship of £150 per annum had been renewed for a second year in 1909, completed his studies and took the degree of Ph.D. cum magna laude at the University of Bonn.

Mr. Joseph Ivon Graham, A.R.C.Sc.I., took the degree of B.Sc. with Honours in Chemistry in the University of London. He was awarded by the Royal Commission of the 1851 Exhibition a Science Research Scholarship of the value of £150 per annum, and having elected to study at Cambridge he was also awarded a Research Studentship of £50 a year at Emmanuel College. Cambridge. Mr. Richard Coulson who obtained his Associateship in Engi-

neering in 1909, and was appointed second assistant in the

Drawing Schools for the Session, was successful in gaining a Daimler Scholarship with admission to the Daimler Motor Engineering Works. He also gained Bronze and Silver Medals at the City and Guilds of London Examinations in Engineering At the commencement of last Session the Council were informed of the very serious illness of Professor James Lyon, M.A., which, to their great regret, shortly afterwards terminated in his decease.

He was a strenuous worker, possessing great experience in different hranches of engineering, and his death was consequently a great loss to the College.

The duties appertaining to the Chair of Engineering were satisfactorily carried on by the Lecturer, Mr. J. Taylor, M.A., A.B.O.SC.L., and the Assistant, Mr. John Ingram, B.R., A.R.O.SC.L.

The Department appointed Mr. H. H. Jeffcott, B.A.I., Mem. Inst. blech. E., to the Professorship of Engineering in May, 1910. A limited number of Research Studentships have been established for those who desire to prosecute special investigations.

> I have the honour to be, Sir, Your ohedient Servant.

W. N. HARTLEY.

CHEMISTRY.

Professor: -W. N. Harpley, D.SC., P.R.S.

The number of students attending the courses of Chemistry were: ... Forty-three of the first year, twenty of the second year, eleven of the third year, including one occasional student.

To the students of the first year sixty lectures were delivered by the Professor on General Chemistry, including the outlines and principles of Metallurgy and Thermo-Chemistry. In the chemical laboratories there were forty-five students of the first year, in charge of Dr. Pollok and Mr. Graham,

and one in the assaying laboratory. The total number of students attending the various courses

in Chemistry was eighty.

The division of the lectures on Organic Chemistry into two courses, elementary and advanced, referred to in the report of last year was carried on as before, with a short concurrent elementary practical course in that subject for the students in the Faculty of Agriculture. These courses were given by Mr. O'Farrelly.

RESEARCH WORK

A good deal of work was in progress in the course of the year.
Mr. J. Ivon Graham was engaged on an investigation of "The
Absorption Spectra of Sulphur Vapour at Different Temperatures and Pressures, and their Relation to the Molecular Com-plexity of this Element," which was read at a meeting of the Royal Society on June 23rd, 1910; and has since been published. Proc. Roy. Soc. A. Vol. 84, p. 311.

A portion of Mr. A. G. G. Leonard's work for his Dissertation was executed in the Chemical Laboratory during the vacation. and Mr. Otway H. Little was also engaged in investigating the influence of light on certain Chemical reactions in such time as he could be spared from his duties as Assistant to the Professor of Geology.

ORGANIC CHEMISTRY.

LECTURER: -A. O'FARRELLY, M.A.

During the Session, 1909-10, forty-seven lectures on Organic Chemistry were delivered by the Lecturer, attended by ten students of the second year, one occasional student, and those students of the third year who desired to attend. The eight introductory loctures of this course were attended by ten agricultural students. who also followed, in the third term, a course of ten lectures specially suited to their requirements.

A course of lectures on recent work in Organic Chemistry and the principles of Physical Chemistry was also given to the students of the third year.

. In the laboratory there were ten students of the second year working principally at Mineral Analysis, and eleven students of the third year (including one occasional student) who were engaged at advanced Mineral Analysis and Organic Chemistry.

In the third term a special practical course on Organic Chemistry of about twenty hours was attended by ten agricultural students.

At the close of the Sesson a tour, aided financially by the Department, was organised by the Lecturer for the purpose of visiting chemical works in the neighbourhood of Liverpool and Manchester.

Eleven students, accompanied by Mesers. O'Farrelly and Graham, took part in the tour, which lasted from the 20th to the 25th June, and the following works were visited:—

Mersey White Lead Works (Warrington).

Walker's Brewery (Warrington).
Crossfield's Soap and Alkah Works (Warrington).
United Alkali Co.'s Works (Widnes).
Broughton Copper Co.'s Works (Ditton).
Lever's Soap Works (Port Sunlight).
Prior's Candle and Glycerine Works (Birkenhead).

Fairrie's Sugar Refinery Works (Liverpool).

British and Helsby Insulated Cable Works (Prescot).

Wigan Coal and Iron Co.'s Works (Wigan).

Wigan Coal and fron Co.'s Works (Wigan). Manchester Corporation Sewerage Works (Davyhulme).

ELECTRO-TECHNOLOGY AND PHYSICS, ELECTRO-TECHNOLOGY.

PROFESSOR :- W. BROWN, B.SC., M.LE.K.

There were 21 students in the second year, viz., ten in the Faculty of Engineering, two in the Faculty of Applied Chemistry, eight Teachers in Training, and one occasional student.

Fifty lectures were delivered by the Professor, the whole of which were attended by the Engineering students, thirty-three by the Teachers in Training, and eighteen by the students of Chemistry. There were seventeen Truorial classes given by Mr.

Allen.

The Laboratory work consisted of sixty-two lessons given by the Professor and Mr. Allen, the whole of which were attended by the Engineers, forty-three by the Teachers in Training, and

twenty-seven by the Chemists.

The ourse in the Third Year consisted of fifty-seven lectures delivered by the Professor, attended by four students, and eighty-seven Laboratory lessons, including dynamo design and drawing, under the Professor and Mr. Alben.

During the session the Third Year students in Engineering were taken to visit the following works:—

(a) The War Ships at Kingstown.

(b) The Electric Power Stations at (1) Ringsend, (2) Fleet Street, (3) Rathmines, (4) Pigeon House Fort, The Professor, as Chairman of the Dublin Local Section of the

Institute of Electrical Engineers, gave an opening address on the "Magnetic Testing of Iron," an abstract of which was published in the Journal of the Institute; he also read the following paper before the Royal Dublin Society, which was published in their Scientific Proceedings, "Mechanical Stress and Magnetisation of

Iron, Part 3."

Mr. William J. Lyons, B.A., A.B.C.SC. (LOND.), read a paper before the Royal Dublin Society on "The Distribution of mean annual rainfall and average number of rain-days per year over an area including counties Dublin, Wicklew, Kildare, and Meath : a study in local variation of rainfall," which was published in their Scientific Proceedings.

LECTURES: -FELIX E. HACKETT, M.A., B.SC., PH.D.

The course of instruction in the first year consisted of sixty-two lectures and sixty-two laboratory lessons. It was attended by forty-two students, of whom thirty-eight were associate students

and four were non-associate students.

The course of instruction in the second year consisted of thirtyseven lectures and thirty-three laboratory lessons. It was attended by twenty associate students, of whom ten were in the Faculty of Engineering, two were in the Faculty of Applied Chemistry, and eight were Teachers-iu-Training.

The course for the third year was taken by one Teacher-in-Training, who received sixty lectures and carried out a course of advanced work in the laboratory during the year.

The general work in the laboratory was in charge of Mr. W. J. Lyons, B.A., A.R.C.SC.L., and Mr. F. W. Warwick, B.A., B.E., under

the direction of the Lecturer

(Astrophysical Journal, Dec., '69.)

The Lecturer attended the International Congress of Radiology and Electricity, beld at Brussels, Sentember, 1910. The following paper was published during the session by the Lecturer, in collaboration with Professor R. W. Wood, Baltimore,

U.S.A. :-"The Resonance and Magnetic Spectra of Sodium Vapour."

MATRIEMATICS.

Professor: -W. McF. Oer, M.A., P.R.S.

In the department of Mathematics, the following lectures were delivered :-

To first year students-Eighty-five lectures on Mathematics, by Professor Orr : eighty-eight lectures on Mathematics, by Dr. Johnston: sixty-three lectures on Mechanics, by Profesor Orr (these last were attended by second year Agricultural Students)

To second year students (other than those in Agriculture)-Forty-four lectures on Mathematics, by Professor Orr; thirty-two lectures on Mathematics, by Dr. Johnston; thirty-nine lectures on Mechanics, by Professor Orr; thirty lectures on Mechanics, by

To third year students-Forty-two lectures on Thermodynamics, by Professor Orr: sixty-six lectures on Applied Mechanics. by Professor Orr; nineteen lectures on Mechanism, by Dr. Johnsion; thirteen lectures on Mathematical Physics, by Professor Orr; fifty-five lectures on Mathematical Physics, by Dr. Johnston.

A class of an hour's duration in Mathematical Exercises ettended by first year students was held on twenty-seven occasions by Dr. Johnston. An additional course of lectures was also given by Professor Orr to the more advanced second year students.

AGRICULTURE.

PROFESSOR: -- JAMES WILSON, M.A., B.SC.

In 1909-10 there were six ordinary students of Agriculture and, for one term, a student of Horticulture in the agricultural class which was conducted in a part of the Bacteriological Laboratory.

AGRICULTURAL BIOLOGY. LECTURER: —DAVID HOUSTON, F.L.S.

Two courses of instruction with accompanying laboratory work were given to the Agricultural Students of the third year, as follows:—

I Agricultural Botany (including field work) given in the first term. One Hortfeutural Student attended the classes. Dr. Pettybridge assisted the lecturer and, in addition, gave a special sories of demonstrations on the diseases of farm crops. All the students passed the sessional examination with credit.

Agricultural Bacteriology taken during the third term. All the students passed with dredit the qualifying examination for the diploma of the College.

AGRICULTURAL CHEMISTRY.

LECTURER: - GRORGE STEPHENSON,

This course, which comprised thirty beturns and fifty-wear laboratory beams, was attended by even students, all of them concludents for the Associateably, are in Agriculture and one in concludents for the Associateably, are in Agriculture and one in the effect of curriding the time devotes to this own reports as to good. Buring the year Mr. Blownlei's paper detailing his work on the composition of trike buriers was published, and in epitome to the composition of the buriers was published, and in epitome has been engaged, on bolid of the Aftert Colifornies, in our traveligation into the composition of liquid annuare.

GEOLOGY AND MINERALOGY.

PROFESSOR: -GRENVILLE A. J. COLE, M.B.I.A., F.G.S.

The following coarses were carried out, as arranged for in the Programme of Studies:—

I. Mineralogy.—Thirty lectures by the Professor, and twenty-

 Mineratogy.—Thirty lectures by the Professor, and twentytwo days' practical work, attended by ten students of the Faculty of Chemistry in their third year. These students also attended a field excursion to the Beauparc Copper Mine in May, 1910.

II. Geology—Fifty-two lectures by the Professor, and forty-one days' practical work, including sax field excursions, attended by ten students of the Faculty of Agriculture in their second year.

and one occasional student. The Cretaecons and igueous region near Belfast was included in the field-work.

III. Geology for Teachers in Training in their third year.—The same course as in the Faculty of Agriculture, with additional practical lesons in petrography and palseentology, attended by one student.

IV. Geology for Teachers in Training in their second year.
Tristeen lectures and eighteen days' practical work; including
six field-excursions, attended by eight students. The field-work
was of a varied character, to correspond with the geographical
nature of the course, and included simple surreying near DurDrostenda. a visit to the Boyen Valley between Benaphur and
Drostenda.

V. Sell-Physica.—Six betures and ten daye' practical work, including a field excursion to the Department.'S station at Ballyhaise, to observe types of sail and their relations to surfacture; statended by the surfacture of the Faculty of Agriculture. Among the additions to the apparatus and material of the Geological division were the following:—

A card-catalogue of papers on Irish Goology, drawn up by Mr. A. Ruxton under guidance of the Professor.

A. Ruxton under guidance of the Professor.

Nowachi's improved borer for soil-sampling.

Model of central Skys, geologically coloured, by Mr. R. F.

Gwinnell.

A series of named species of graptolites, received from the

A series of named species of graptonies, received from the Sedgwick Museum, Cambridge, in exchange for a specimen of Archaeodon.

The Professor was nominated by the Department as a delegate from the Boyel College of Science to the Eleventh International Geological Congress in Stockholm in August, 1910. Apart from the many meetings in which questions affecting Intelligence were raised, he was enabled to take part in the admirably organical expedition to Spitishergen mader Esson of Gere, which took place before the Congress, and during which the phenomena of a vanising to-ong and consequent. "diff "deposits were sadded in

The following papers were published:—
"A late glacial day at Templeogue, Co. Dublin," by G. A. J.
Cole. Trish Naturalist, 1909, p. 282.

"On rock-specimens dredged from the floor of the Atlantic off the coast of Ireland, and their bearing on submarine geology," by G. A. J. Cole and T. Crook, A.R.C.R.I., Mem. Geol. Survey of

"The Picture-Rock or Scribed Rock near Rathmullan, in the County of Donegal," by G. A. J. Cole. Proc. R. Irish Acad., vol. xxviii., sect. B., 1910, p. 113.

BOTANY.

Processos:—T. Jounson, p.sc., p.l.s., k.h.l.s.
The usual course of instruction were given. The Agricultural solutions attended trenty-stine lectures and forty lessons in the laboratory and field economies in the second year. Sight leaders of the second of the second second in the second year. Sight laboratory lessons and field economies attended to twenty-size laboratory lessons and field economies attended second to be third year teacher and two consisted statement develod the whole of the third term of the second to Structural, Systematic and Pysiological Bedney. One student in the Faculty of Agri-

culture develot the whole terms to a occurs in Vegetable Potato-Ger. With the passing of the Weed and Seed Art the Perforance of Botany coased to be director of the Department's Seed-testing Section, and was placed in a potation to devote his whole time to the distinct of the placed of the potation of devote his whole time to the distinct of the placed of the potation of the distinct of the placed of the potation of the placed of th

Papers published:—
1. T. Johnson and J. Adams: Bacterial Rot in Turnips and other Brassicas in Ireland. Econ. Procs. R.D.S., Vol. II., No. 1, 1910

2. T. Johnson and Miss R. Hensman: Agricultural Seeds and their Weed Impurities. A Source of Ireland's Alien Flora.

Sc. Pros. R.D.S., Vol. XII., N.S. No. 33, 1910.

3. T. Johnson: Die Flore von Irland (with photographic illustrations by R. Welch). Ste Reins, Hft. 5u. 6, 1910. Vegetations-bilder."

ZOOLOGY,

PROFESSOR: -- GEORGE H. CARPENTER, B.SO., M.B.LA.

Tracking—The second year students of the Faculty of Agriculture received the usual cursons of interestion in Zooleye during characteristic productions of the control of the control toy work and fifty-two lettures; all of alloys are the passed passed the assistant caramitation. The course for third year beautiful production of the control of the control of the passed that the control of the control of the control of the passed that the control of the control of the control of the passed that the control of the control of the control of the second days likelyately work and fifty between from the Perfection, and the control of the control of the control of the control of the A new third year corosis in Eutomotory was established for a "A new third year corosis in Eutomotory was established for a

Active total year course in Enconsogy was established for a Horticultural shochar of the Reaculty of Agricultura. This stadiat worked practically at the subject under the personal advice of the Professor for a day a week during both the first and third terms. He passed his final examination with much credit. The students of the above-mentioned courses received sological instruction on six of their field excursions during the second and third terms.

In the third term the short course for second year Teachers in Training was attended by eight students, seven of whom passed the sessional examination. The course consisted of twenty laboratory lessons with the same number of lectures and four field-days. A special course of fifteen days' practical work in Entomology was given by the Professor during the third term to a medical officer of the West African Colonial service. Also during the

first term an officer of the Royal Army Medical Corps attended the entomological part of the zoological course and did special advanced work on blood-sucking Diptera.

Albert College.—During the second term the Professor again conducted nine evening classes for horticultural students from the Albert College, and visited that College on eighteen days to give soological lessons to the agricultural students there

Delegations.—The Professor attended, as delegate from the College, the first International Congress of Entomology at Brussels and the International Zoological Congress at Graz during August. In September he visited London to attend an important meeting of the British Association's Committee on Economic Ornithology, held at the offices of the Board of Agriculture. He was also present in July at the Annual Meeting, held at Manchester, of the Association of Economic Biologists, of which he was elected

Research.—During the first term Mrs. Henn-Collins, B.Sc., F.L.S.,

worked for several weeks in the zoological laboratory, continuing researches, which she had begun at the Imperial College of Science, London, into the anatomy of parasitic copepoda. Unfortunately illness and subsequent removal from Ireland to England prevented the completion of these researches in our laboratory. But the application for permission to carry on this research has led to official sanction for the College to accommodate a limited number of Research Students every year. The following zoological papers were published during the

session :-

By G. H. Carpenter-

On some Subantarctic Collembola, in Reports of Subantarctic Islands of New Zealand. Wellington, N.Z., 1909. Pycnagonida from the Red Sea and Indian Ocean. Line.

Soc. Journ. Zool., Vol. xxxi., 1910. The Species of Hemimerus and their Distribution, Ent. Mo.

Mag., Vol. xx., 1909. Injurious Insects and other Animals observed in Ireland during the year 1909. Econ. Proc., E.D.Soc., Vol. ii., 1910.

By G. H. Carpenter and T. H. Corson-The Warble Flies: Third Report on Experiments as to Life History and Treatment. Journ. Dept. Agric. and Tech.

LECTURES :-- J. TAYLOR, M.A.

In the Department of Engineering the following courses of instruction were given during the session, To the first year students a course in Practical Geometry and

Inst., Ivel., Vol. x., 1910.

Mechanical Drawing of thirty-two lectures and thirty-two practical lessons; attended by thirty-nine students.

To the second year Engineering students a course in Machine Engineering, Hydraulie, Engine, and Turbine Design, of sixtytwo lessons in the drawing schools, and fifty-six in the workshop and laboratory attended by ten students.

To the third year Engineering students a course in Structural

Engineering, Hydraulic Engine and Turbine Design, of sixtynin lectures and 123 lessons in the engineering schools attended by five students; and a course in Surveying and Levelling of twenty-nine lectures, sight days field work, and twenty-nine lessons in Mapping and Potting attended by ten students.

To the second year Agricultural students a course in Surveying and Levelling of seventeen lectures, seven days' field work, and seventeen lessons in Mapping and Plotting; attended by ten students.

To the third year Agricultural students a course in General Engineering Work of nineteen lectures and nine lessons in the origineering schools and workshops.

A two cylinder petrol engine was constructed in the workshop during the session, and now forms part of our experimental plant.

REPORT OF THE RECISTRAR OF THE ROYAL COLLEGE OF SCIENCE FOR IRELAND FOR THE SESSION 1909-10.

The number of Students who attended the College during the Session 1909-10 van 126; of these 39 were Non-Associate Students and 92 Associate Students undergoing a three-year course. In addition, these were four post-produced Students, one local exhibitioner, one special research Student, and two free Students, detection seemial occurses.

The corresponding numbers of Associate and Non-Associate Students for the post five years were:-

Seemen.			Associates,			Non-Associate		
				101			28	
1905-6,				83			38	
1905-7,				68			38	
1907-8,				73			33	
1968-9,				85			3.2	
The 92 Associates wer	e div	ided n	follov	re p				
First Year,							38	
Second Year,							30	
Third Year,							24	

The following Third Your Stockens passed shelp final securious casalinations and were awarded the Dipleme of Associateding of the College.

Flowly of Engineering.—Mr. Robert J. Dods, Mr. Joseph P. M. Hankett, R. Edgar McComald, Mr. Forderick M. Weelay, Mr. Willem M. Stophenson.

Faronty of Applied Chemistry.—Mr. John P. Donglas, Mr. Joseph C. Ellipte, Mr. Bernard C. Pance, Mr. Willem M. Scott, C. Ellipte, Mr. Bernard C. Pance, Mr. Willem H. Knott.

Faculty of Agriculture.—Mr. James Doffy, Mr. Martin Gleeson, Mr. John Jonaings, Mr. Charles C. Magnire, Mr. Phirick F. Moloney, Mr. Gerald O. Skernerd. Toackers-in-Training, Chemistry Section.—Mr. John B. Coghill, Mr. John LeCourt.

Physics Section,—Mr. Patrick Rocks, Nutural Science Section,—Miss Mahel C. McDowell.

The two Royal Scholarships offered for competition to Associate Students of the First Year, who are not Science and Technological Scholars, Teachers-inand Mr. Richard J. England. these Students having obtained the highest marks amongst those eligible for composition at the Sondanal examinations for the First Year Course, held in June, 1910.

The Silver Medal effered for competition to all First Year Associate Students was won by Mr. William M. O'Rierdan. The following is a complete list of Scholarships, Medal, and Prizes awarded on the results of the Sessional examinations :-

1909-10. Silver Medal, First Royal Schelarship, Mr. W. M. O'Roordso. . gt . Mr. A. F. O'Dourd. Mr. R. J. England. Second Royal Scholarship,

PRIZES. FIRST YEAR. Mathematics, -- Upper Division. -- O. McKenna, 1st.

W. M. O'Riordan, 2nd. Mathematics.-Lower Division,-W. McLeon, 1st. M. Caffrey, 2nd.

Mechanics,-W. M. O'Riordan, 1st. O. McKerma, 2nd.

Practical Geometry,--R. J. Lannon Prizes divided. W. M. O'Riordan Esperimental Physics.-J. Lowey, 1st.

Chemistry --- W. McLeon, 1st. W. M. O'Rlorden, 2nd.

SECOND YEAR.

Mathematics.....D. McAlanan, let-P. A. McKenna, 2nd Mechanics.-D. McAlconn, 1st.

R. W. Denosa, 2nd. Mashing Construction.-R. W. Deneau, 1st.

Phusics, -J. Reilly Prizes divided D. McAlonsa

Electro-Technology (Chemists) .- J. Beilly, Prize. Miss Morrow, 2nd.

(Engineers).-C. L. Pollock, Ist. R. W. Dunesn, 2nd. Organic Chemistry -J. Reilly, 1st.

D. Hayer, 2nd. Minoral Analysis (Chomists).--J. Reflly, Princ.

(Teachers).—Miss Blass | Prizes divided. Botusy (Teachers).-Miss Blair, lat.

Miss Dawson, 2nd. Geology (Teachers) .- D. Hayes, Ist. Miss Necrow) 2nd divided.

J. H. Cook) and

Zoology (Texchers),-Miss Blair, 1st. Miss Morrow, 2nd. SHOOND YEAR, AGRICULTURE

Botony.—M. J. Gorman, Int. J. Crowley, 2nd. Geology.—A. Srully, Int. M. J. Gorman, 2nd. Zoology.—A. Srully, Int. M. J. Gorman, 2nd.

Soil Physics.—A. Scully, 1st. D. McCaw, 2nd.

Surveying.—M. J. Gorman) D. McCow Prizes divided.

Mathematical Physics (Trachers)...P. Rocks, Price.
Thermodynamics...H. R. S. Chetroethy,
J. B. Coghill
J. B. Coghill

Applied Mechanics — E. McConnell, Price Engineering.— R. McConnell, Price. Surveying.— E. McConnell 1st. J. P. M. Hackett, 2nd.

Mechanism —J. P. M. Hackett, Prize.

Electro-Technology.—J. P. M. Hackett! Prize divided

Analytical Chemistry.—W. G. Ren, Ist.
A. T. Henley, 2nd.

Mineralogy.—J. B. Coghill, 1st.
J. LeCourt, 2nd.
Bosony (Teackers).—Min McDowell, Prize.

Geology (Teachers).—Miss McDowell, Princ Zeology (Teachers).—Miss McDowell, Princ.

THEO YEAR, ASSECULTURE Assignifier,......J. Duffy. Let.

P. A. Murphy, 2nd. Agricultural Betsuy,—P. A. Murphy, 1st.

P. F. Molosovy, 2nd.

Agricultural Bucteriology.—C. C. Magnine)
P. A. Murphy | Prizes devided.

Agricultural Chemistry.—C. C. Magoire, Ist.
J. Jennings, 2nd.
Veterinory Science.—P. F. Mokney)

Feterinary Solence.—P. F. Molenzy; P. A. Murphy; Prince divided. Rural Economy.—M. Glesson, let.

J. Duffy, 2nd.

Expinerring.—P. A. Murphy, 1st.

J. Jonnings, 2nd.

Short Summer Courses of Lectures and Laboratory work for Teschers engaged in Scoondary and Technical Schools throughout the country were held during the mostal of July in the following subjects:— Chemistry, Third Year, attended by 31 Students.

Chemistry, Fourth Year, attended by 37 Students. Physics, First Year, attended by 50 Students.

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Physics, Third Year, attended by 23 Students.
Physics, Fourth Year, attended by 8 Students.
Recharded Steiners, Third Year, attended by 8 Students.
Machinesis Steines, Fourth Year, attended by 6 Students.
Betony, Fourth Year, ottended by 5 Students.
Rygiers and Sick Newsing, attended by 19 Students.

Hygiese and Sect Nursing, account by 19 Stations.

At the end of the operate there was a Theoretical and Practical Examination

in each subject.

There was also a course on Rural Economy and School Gerdening dawing the rounth of Angust. Part of the course was conducted at the Royal College of Science, and the remaining part at the Albert Agricultural College, Glacowin, and at the Kingstown Technical School Gerden.

P. A. E. Dowling, Registrar.

METROPOLITAN SCHOOL OF ART, DUBLIN.

---- bonder of ant, bonder

Report of the Head Master for the Session, 1962-1910.

The total number of students who attended the Sebsol during the Session 1969-10 was 391, of whom 319 attended the day, and 172 the evening, classes; these included 156 males and 226 females.

takes included 196 males and 225 semales. In the Personal Art Examinations, beld under the Beard of Education, the following number of successes were obtained in the subjects named i—

wing number of successes we	re obtai	ined in	the	subjects	named	-
Freehand Drawing in Outl	ine,					20
Model Drawing, .						30
Drawing in Light and Shac	le from	n. Cost				16
Geometrical Drawing.						14
Peraportive.						11
Memory Drawing of Plant	Farm.					15
Drawing of Common Object	to from	Memore	v.			4
Design, Stage 1, .			,,			19
Design, Stage 2.						3
Anotomy,						11
Drawing from the Antique.						*4
Drawing from Life.						,
Painting Ornament.						- 2
Painting from Still Life,						15
Principles of Ornament.						10
Historic Ornament.						3
Modelling from the Antique						- 2
Practical Plane and Solid C			٠.			- 3
Elementary Modelling (held)	occupit	y, ange		e e in		1
and Technical Instructi	y too L	eparam	m,	и летон	nture	
Drawing on the Blackboard	OH 107	do.				7
remaind on the Destrooping		do.				-7

The total number of works accepted for Cortificates was 48, of which 55 were for the Art Cliest Teacher's Certificates, and 13 for the Art Master's Certificates, Groups L. H., sad III.

In the NATIONAL OBSTRUCTURES the School was awarded one Silver Medial, Our Recease Medials, eight National Book Prives, and twenty-four Commenda-

tions as below
Silver Medal...
Power, Albert G., Modelled Bust from Nature (Subject 1941).

Bronze Medols.—
Dornn, Mary, Design for Enzamelled Plaque (Subject 24a).
Evans, Helena, Designs bosed on a Florwering Plant (Subject 14-22).
Jammett, Katherins, Group in Oil Colours (Subject 14a).

Power, Albert G., Model of a Figure from the Nude (Subject 19c).

Book Price.

Binsted, Augusta, Monochrome Painting of a Figure from the Antique (Subject 16a).

Crillay, Margaret, Time Shetches of Figures from the Nude (Subject 8e).
Fox, Kathleen, Design for Russnelled Plaçon (Subject 24a).
Johnstone, Ellizabeth, Design for Ensembled Plaçon (Subject 24a).
Lyman, Mary, Design for a Cappee Bowl with Stand (Subject 24a).

Lynch, Mary, Design for a Copper Bowl with Stead (Subject 24a).

O'Kolly, Norsh M., Design for a Silver and Enzemelled Benker and Cover (Subject 24a).

Power, Albert G., Modelled Design for a Lonette (Subject 23f).

Power, Arners G., Modelled Design for a Lonette (Subject 2 Tuoby, Patrick, Group in Oil Colours (Subject 16a). Communication Against States of Paine Form (Students 19).

Angles, Elizaberds, Students of Paine Form (Students 19).

Courte, Daniele, Students of Paine Lawrence (Students 19).

Courte, Daniele, Students of Paine Lawrence (Students 19).

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Haydra, Julie, Studies of Hutterle Styles of Ornanous (Subjete 222).

Haydra, Julie, Studies of Plant Form (Subjete 31).

Lakeman, Krast, Studies of Plant Form (Subjete 31).

Lakeman, Krast, Dodge for Studies of Clant Form the Nade (Subjete 84).

Lavelle, James, Studies of Flant Form (Subjete 10).

Jayoh, Mary, Studies of Flant Form (Subjete 10).

Jayoh, Mary, Study in Stdant Gloss (Subjete 24).

O'Kaste, Macquest, Design for Damask Tubleckith (Subjete 28).

Rhind, Ethel, Time Sketches of Figures from the Nude (Subject 8c). Scots, Gindys, Design for Stained Glass (Subject 24a). Sketor, James, Studies of Pisat Form (Subject 10). Stobe, Helen, Studies of Pisat Form (Subject 10).

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Under the Local Print Science for 1969-10 prizes were awarded as follows :---

L.—Juston Szezzos

For the three best sets of werks executed in the Junier Scotion of the Day
Class.—Agent Canaday, Marjeine Findlates, Gloday Martin.
For the three best sets of works executed in the Justice Section of the Evening
Class.—Ralph Anderson, Fest Purnes, Janut Lowson.

For completed Art Class Teacher's Certificate—Margaret Crilley, Jennie Fris-Harris, Mary Lynch, Stephen C. Poole, James Statee. For completed Irish Secondary Teacher's Drawing Certificate—Agnes Cassidy, Julis Hayden, Joseph Tirency, Svolyn Willia.

П.--Duam's Sucreon.

For the best sets of studies of plants, chosen with a view to, and excepted with approximation of, their decorative possibility—Thomas Donegan and James Sistor (equal).

For the best set of historic studies—Julie Hayden.

For the best set of historic strates—Julie Hayden.

For the highest number of marks for a series of designs for given subjects

-Jennie FritzHerris.

For the best sets of designs such as are required for Certificate works adapted

For the nest sets of designs suon as are required for Corramone weeks adapted to the technical requirements of various materials, other than her—Olive Hunfer, 1st; Norsh O'Kelly, 2nd.
For the bots has designs—Hildia Gray, 1st; Berths Dawes, 2nd.
Price for Miscellancous Designs—Margawet O'Keafe, 1st; Doen K. Allen, 2nd.

For the best set of notes and sketches in connection with Advanced Design Lectures—Gladys Scots For this best set of notes and sketches in connection with Elementary Design Lectures—Margeria Drury.

III.—ARCHITECTURAL SECTION

Mossured Drawings from an approved example--- Chadys Scott.

IV.—DRAWING AND PAINTING SECTION

For the best pointing of a full length nude figure—Margaret Ctilley.

For the best drawing in light and shade from the full length made figure from
his—Kathleen Fox.

For the best pointing of a lead from life—Kathleen Fox.

For the best set of twelve time studies from the full length nude figure-Margaret Crilley.

For the best set of drapery studies—Gladys Scott.
For the best anatomical studies and notes—Norsh O'Kelly

For the best contornied studies and notes—Morsh O'Kelly.

For the best panning of an antique figure—Kathleen Quigly.

For the best polating of a head from an approved cast—Francis Bowe and Lee

For the best painting of a need from an approved cast—Mrands Bowe and Lee Whalan (equal).

For the best drawing of an antique figure in light and sheds—Mary Lynch.
For the best memory drawing of an antique figure—Praceis Bowe.

For the best memory drawing of an antique figure—Prancis Bowe.
For the best drawings of a hand, hand, and foot, from approved casts, in light and shade—Catherine Hanbury.
For the best painting of a group of still life (in off colour)—Katharine Jammett.
For the best painting of a group of still life (in water colour)—Dora K. Allen.

V.—MODURANO AND SCHIPTURE SECTION.

For the best model of Figure from Life (in the round)—Albert G. Power. For the best Modelled Study of a draped figure—Rebecca Gréss.

VI.—CRAFT CLASSES. Steined Glass—Ernert Lakssenge.

Stained Glass—Ernest Lakeman. Enamelling—Mary Dorse. Enamelling and Metal work—North O'Keity.

M*tal Work—Mary Lynch. Leather Work—James Golden Gesso Work—Annie Holland.

The free Medals, the eight Nulsonal Bion Prises, and the twenty four Conventadions which the Stetool has choised for words set up to the Nulsonal Art Unspettlen, have not been confined to see no ever singer of Artimirrosiem. Art Competition, have not been confined to see no ever singer of Artimirrosiem. Art Convents are set to be a support of the Artimirrosiem. Art Convents of the Artimirrosiem. Art Convents of the Artimirrosiem. Artimirrosiem are convented for the Artimirrosiem and Artimirrosiem. Artimirrosiem are also artimirrosiem artimirr

A high steadard of morous was also matched in the personal examinations held by the Board of Edinosties, the Stockout obtaining maximally large someter of certificates. In this commoders is may be mentioned what in the case of the communitor in Pacintage from 88H Life, righteen statedtee control, ben of whom passed "Yint Class," (be "Second Class," and only three fainting, this bengs are record results for this School.

Court Plemkoth, Director of the National Misseum, for the second time, kindly offered two prizes to the students of the School for the best sets of sidualis from objects and set examples in the Misseum. These prices have been sweeded to Miss Banify G. Andrews and Miss Mary Lynch for studies in Historic Portery and Score-cerving respectively.

The following Tracerossense-in-Thaining, Art Scholarsens, and Senversenses' (Arguerics) Scholarsense were renewed and awarded by the Department during the Session 1009-10;—
Transferships-in-Training—Norsh O'Kelly, Kathleen Quigly, and James

Transcrenge-in-Prenissy—North Unity, Raislasen Quigty, and James Sistor (awarded).

Art Scholarstips—Morgarei Crilley, Kaislasen Fox, James Gelden and Gladys Sotti (renwed), and Emest Lakernan (Stained Glass) owneded.

Silversmitts' (Apprentice) Schrinzships—Ralph Anderson and Michael Dunne (awarded), Wm. Phelan and Wm. Redden (renowed). Fiften Silversmiths' Ammenthes attended the school for instruction in duarties.

Fifteen Silversmiths' Apprentices attended the school for instruction in drawing and design as applied to their trade, whose progress was highly astisfactory.

THE BRANCHARDTHE TREUT SCHOLARMETS held at this Sobool for instruction of the holdres in desving and design as applied to lace said crocket work were awarded to Mais Olive Cox for exches, and to Mais Laxis Conduct for low. This Cox was awarded a certificate marked "First Class (Excellent)" for Creehst work in the Summer Course Examination hold at Cork tost July.

S. The Students of the Design Classes exceeded many designs for Christmas stamps, calendaes, and hook illustrations for Her Excellency the Countess of Abredom, to be used in commettion with the work of the Women's National Health Association. The students also supplied many designs for lace to the various lacemaking centres, and illuminated work for Alacr Charte of Churches.

Professor W. Beresland Pits, P.B. I.B.A., gave these inciners on Assumerersana Ecocutron in the better betwer of the Regal Collage of Science to the Stockasto of the Meteopolities Sobool of Arts, and to the Art Teochers attending the Summer Courses of Introducin, in July bot. These lectures were extremely interesting and valuable from an educational point of view and wree highly appreciated. Latenciers Calculus were conducted during the number of July, when the articulant much many latent. The Channel were conducted by Mr. George Lyme, the number of Solitoth being eighteen.

The SUDERM COPIESS of Art. Instruction for Teachers of Scondary Schools was held during the meath of 3 by, and was started by a limit-y-four teachers. The Classes were under the supervision of the Head Monter, assisted by Mr. Like, Mr. Shoppani, Mr. Cupen, Mr. Berden, Miss Josech, Mr. Errees, Mr. E. Lake, Mrs. Frey, Mrs. Collain, and R. Deven, Mrs. Errees, Mrs. Lake, Mrs. Frey, Mrs. Collain, and R. Deven, Mrs. Like, Mrs. Frey, Mrs. Collain, and R. Deven, Mrs. Like, Mrs. Frey, Mrs. Collain, and R. Deven, Mrs. Like, Mrs. Frey, Mrs. Like, Mrs. Lik

testified not only to the value of the work, but showed how grateful the students were for the advantages afforded to them by the Department. The Department's Art Inspector, Mr. Petrick O'Sullivan, A.R.C.A. (Lond.), beld

nor the resource extracting, was common of the Royal Dublin Society shirty-from At the Are Theorems, was common of the Royal Dublin Society shirty-from the control of the standards of the Stotaloo. Thuse installed twenty-from the design for Lass, Cochets and Embeoderry, three for Repossible work, nor for Stained Glass, and one each for Illuminating, Leather-work, and Modelling.

The birt standard of west and design in Exampling and Metabouric which

The long, it amounted of Worst and residing in Amounted in the Workshottler World.

In Manager and the Company of the Company

I regret to say that the new accommodation for the Ensemelling, Metalwork, and Modelling Chosos, which we hoped to have had last year, has not yet hoon given to us, but I trust that we may have it by this time next year.

An interesting retrospositive Exhibition of the past and present students'

An interesting retrospositive Eskilhistion of the past and precent students' works in pointing, emiptore and the applied acts was held in Davason Street during the menth of Jenuscry last. This Exhibition was much appreciated by the Dublin public. I may add that it was self-supporting, and was emessatial in every way.

The Annual Establition of Students' works was held during the Christeaus vasation, and was well sitemed by the public.

I have to thank Mr. Luke and all the members of the teaching staff, and also Mr. Tilky, the Registres, for their able and willing assistance given to me at all

Mr. Tuly, the Reporter, for their sold and winds assistant given to the attained, which has largely contributed to the efficient and entiafactory position which the School continues to hold.

James Wasse, A.R.C.A. (Lond.),

SUMMARY OF THE DEPARTMENT'S ACTION IN CONNEC-TION WITH COMPLAIN'S AS TO RATES CHARGED BY CARRYING COMPANIES FOR THE CONVEYANCE OF MEDICHAIDIST

Complaints received during the period 1st July, 1909, to 30th June, 1916.

GREAT NORTHERN BLIDWAY CO. (IRREAND) AND OTHER COMPANIES, 2nd and 7th July, 1908.—That charges amounting to 21 19s, had been made for the conveyance from Nowry to London of a consegment of 18 cases of eggs weighing 10 cet. 0 qrs. 14 1bs.

It appeared that the traffic was handed to the Great Northern Radiesy, O. at Newry cominged the Billiant. There being as through rates in iscrefor the conveyance of goods from Newry to attitions in England see Belliust Delfinst, and at the through rate of 60 the per to Billiant to Lenkon. The Great Northern Radiesy Company stated that they had proposed to the outside the second of the control of the control of the control of the to attation in England on Belliust, but that the proposal had not seen

GREAT SOUTHERN AND WESTERN RAILWAY CO.; GREAT WISTERN RAILWAY Co., 2nd and 7th July, 1909:—

(1) That the rate of 58a. 4d. per tou at Owner's Risk for the conveyauce of eggs from Dungarran to London was excessive. (2) That a rate at Owner's Risk was not in force for the corresponse

of eggs frees Ballycullane to London.

(1) The Great Southern and Western Railway Company were not prepared to reduce the rate, which they considered was n reason-

(2) the Department communicated with the Great Southern and Western Railway Company in the matter. A rate of 50-, 53, per tou for the conveyance of opp in horses, coses or cases at Owner's Ritic from Ballycullines to London was fixed. The rate personal

General Southern and Membership of the Control of t

It appeared that the part truck rate was charged instead of the head rate. A refund of £1.15s. 9d. was made.

Gerac Southern and Wisters Railway Co. and other Companies, 6th Julies.—That the charges for the conveyance of the positive by passenger itain service from Railwilly to Waldron, Sessex, were excessive.

The Owner's Rusk rate for the traffic was reduced from 7s. to 6s. 9d. per cert. maintains 1 see.

Great Southber and Western Railway Co., 8th July, 1909.—That a charge of \$1 12s. 4d. Incl been made in respect of the conveyance of 4 boxes of two lobelers from Fenit to London.

It appeared that the weight on which the charge was based was incorrect, and that the proper charge should have been 17s. 6d. Complainant was informed that a refund would be made.

GREAT SOUTHERS AND WESTERN RAILS AT Co., 30th July, 1000.—That the charges of £1 4s. Lid. for the carriage of 3 boxes of lobsters from Kells (Co. Kerry) to London, and of 17s. 5d. for the curriage of 2 boxes of lobsters from Kells to Einstein level coversity.

The changes were based on a rate of 5s. 10d, per cert., Owner's Bisk. The rates for the conveyance of lobsters from Kelli to London and to Brazzol were reduced from 5s. 10d. to 5s. per cert. (Owner's Bisk) in each case. Complainants were informed that retunds would be made in respect of the

consegnments which had gone forward at the higher rates.

Gaser Scottmans and Western Rattway Co., 20th August, 1809 —That charges amounting to 18s. had been made for the carriage of a sow and

10 bothsms from Liemere to Kilmallock.
The charges were in accordance with the scale in force for the carriage of such traffic by measurest train.

Mineaton Greek Westure Rattwar of Inntens Co. Sen Other Contrasting. Sight August, 1960—That the Omen's Risk rate—50s. 40, per ton—for the conveyance of eggs from Mean Crose to Manchaster was excessive. (Compiliants augusted that a rate of 450, per on should be fixed for the traffic.) The Department brought the suggested the rate of the fixed the Mildaud Greek of the Compiliants was supported by the suggested that the suggested the fixed to perfect the Mildaud Greek of the Compiliant was supported to put the suggested the fixed the suggested support of the Compiliant Compili

Great Southern and Western Relevan Co., let September, 1909.—That a charge of 8s. 4d. had been made for the conveyance of a consignment of salls weighing 3 cert. from Limerick to Kilmons.

It appeared that the salt was sent by passenger train, as it was required in a hurry to replace a previous consignment which hed been damaged in transit. The Company, in the circumstances, reduced the charge to the amount which would have been payable if the salt had been sent by goods

Gence Southern and Western Rathway Co., 19th September, 1909.— That the rates for the conveyance to Cork of crab apples in bags from Cahr, from Clonnel and from Toporary, vt.: 14s. 8d., 16s. 3d. and 12s. 8d., per ton, respectively, were excessive.

The Department were informed by the Greel Southern and Western Railway Company that any application from the complainants with a view to laxying reduced rates fixed for the 1910 season would receive the favourable consideration of the Company. The rates were reduced in September, 1910, to 11s. 9d., 13s., and 13s. 2d., respectively—the reduced rates to apply until the end of the year.

Great Southers and Western Railway Co., 17th and 21st September, 1999.—That while a rate of 25th Sd. per toe was charged for the conversace of fruit (grapes) by goods train from Dublin to Limerick, the tree from Livespool to Limerick ein Holyhood and Dublin was only 18s. 4d. per ton.

A ratio of 20s, per loss station to station, to remain in force until 31st. December, 100, not fixed for the corriges of grapes (in cashe or cases) (also hannens, lemens, melons and oranges) from Dublin to Liferetick. (If appeared that the rate for the conveyance of gropes from Liverpool to Limerck vio Dublin was 26s, 5d, per tos, the rate of 18s, 4d, per ton applying to consignments tent by direct stammer.

GREAT SOUTHERN AND WESTERN BAILWAY CO. AND OTHER COMPARIES, 26th September, 1920, and lat November, 1939.—That the rates for the courvey-ance of live positry from Newmarkest, Co. Cork, to Barry Dock, Cardift, Newport (Mommonth) and Brynnaws were excessive.

Newport (Monmonth) and Brynmawr were excessive.

Rates of 6s, 8d. per cert., Company's Risk, and 5s, per cert., Owner's
Risk, were fixed to Entry Dock. The former rates were 9s. '4d. per cert. C.B.
and 5s. 10d. per cert. O.B.

The Composite were not prepared to make any alteration in the rates to Cardiff and Newpert.

The question of a reduction in the rate to Brynmawr is under considera-

GREAT NORTHERN BAILWAY CO. (IREBANO), AND OTHER COMPANIES, 1st October, 1906.—That the ruto—48s. 8d. per ton—charged for the conveyance of apples from Amnaghmere to London was excessive. The Department communicated with the interested Companies in the natter. A rate of 37s. 8d. per ton, including delivery in London, was put in

MIRANO RAILWAY (NORTHER COUNTRY CONTITUE) AND GREAT NORTHEAN RAILWAY CO. (IREAND). 4th October, 1956.—That a sum of £2 is, 6d, vis charged for the conveyance of ten runs from Ballyocone to Ballyocove. It appeared that the runs were sent from Parkmore, not from Ballyocone, and that the charges were numle up as follows:—

Parkmore to Ballymena	-0.1		8	d.o
Transfer at Ballymens			- 1	0
Bullymena to Antrim		-11	- 6	6
Antrim to Ballyroney			25	3
			_	

The Department communicated with the Great Northern Railway Company in the matter. The Company stated that the runs were conveyed from Parkmere to America by 3 goods train, but had to be forwarded from Anterim by passenger train in order to reach destination asme day. The Cumpany made a return of 55, 55.

Great Southern and Western Railway Co.; Lancashire and Yorkson Bairday Co., and Lecodo and North Western Railway Co., 18th October, 1809.—This the through rate (38. 4d. per ton) tor the conveyance of funter from Kilkenny to Freston exceeded the aim of the local rate, Kilkenny to Liverpoid (18. 5d. per ton), and Liverpoid to Preston (18.

The Department brought under the notice of the Companies the question of a reduction in the through rate. The Great Southern and Western Company stated thus the matter had been considered by the Companies concerned, and that no reduction could be made in the existing rate. The Company also stated that the rates between Editemany and Liverpool

The Company also stated that the rates between Killmany and Liverpool were brught very low at a time of severe competition between Lish Raitung Companies and cross-Channel Steamship Companies, and could not be accepted as a besis for reductions in rates between interior Irish and interior Rajich stations.

GREAT SOUTHERN AND WESTERN HAILWAY (O., LONDON AND NORTH-WESTERN RAILWAY (O., AND MITGRAND RAILWAY (ONFANT OF RESORAND, 28th October, 1909.—That the rate—47s. 6d. per tom—hot the conveyance of apples from Bullyear to London was expressive.

The Descriptions communicated actions

The Department communicated with the Companies concerned. An exceptional rate of 40s. per ten, Owner's Rest, was agreed to as an experiment, to remain in force till 31st Docember, 1910.

MIDIANS GREAT WESTERN RAILWAY OF INCLAND Co., 80th October, 1909.— That a rate of 12h. 2d. per ten was charged for the convoyance of galvanteed from from Limerick to Balls.

The Company stated that the rate in question was on the same bisss as the rates for the traffic from North Wall, Belfirst, and other stateous, and that they were not prepared to reduce it.

GIERT SOUTHERN AND WESTERN BAILWAY CO AND OTHER COMPANIES, 1st November, 1906.—That changes of is, 11d, and 3s, 3d, respectively were made for the conveyance of apples in bexes of 14 lbs, and 38 lbs, from Limerick to stations on fine running south of Lection.

The Department reside inquiries in the matter. A rate of fa, per cee, Owner's Risk, was fixed for the traffic from Limerick to all stations on the railway times running south of London—the minimum charge bring us for 23 lbs.

GREAT SOUTHERN AND WESTERN RAILWAY CO. AND OTHER COMPANIES, 2nd November, 1909.—That no through rates were in operation for the conveyonce of order from Newcouthe Weet to Detectuor's and other Middled forms in England, and from Toppensy to place in Bigliand we Dishits. The Department brought the matter order the notice of the Orrest Southern and Western Railway Company. The Company stated that has been had held no compilation from any trader as to the shanned of through latelline the complex stated that the state of the sta

MIDEAND GREAT WEATERN RAILWAY OF IRELAND CO. AND OTHER COMPANIES, 3rd November, 1009 :--

(1) That a sum of 2s. 4d. was charged for the conveyance of a box of butter weighing 2 qr. 7 lbs. trom Boyle to London.
(2) That while the rate for the conveyance of butter trom Charleville (129 miles from Deblin) to London was 40s. per ton, size rate from Borle (106 miles from Deblin) and 3cd 4cd, per ton.

(1) The charge appeared to be such as the Companies might make.
(2) Rates of 48s, 4d, per ton vio Dublin and 48s, 4d, per ton vig Sigo, carted in England, were fixed for the conveyance of butter from Boyle to London.

Gener Southers, and Western Rahway Co., 3rd November, 1969.—Hast the charge for the coursysame of gaugarine from Limetick to Looden had been increased from 35s. per ton to 65s, per ton as from the list November, 1909.

The Department communicated with the Great Southern and Western Railway Company, and the rate was reduced to 35s. per ton as from the list January, 1910.

GREAT SOUTHERN AND WROTTEN RAILWAY CO. AND MIDLIND GREAT WINSTEIN RAILWAY OF JERLAND CO., 5th November, 1909 ...

 That charges amounting to over 9s, per harrel had been mode tog the conveyance of relat hurnings from Kennare to Roscommon.
 That charges amounting to over 11s. 5d. per barrel had been made for the conveyance of 6 harrels of fresh herrings from Kennare to Galway.
 The Deportment understood that if any further fish traffic was place.

The Department understood that if any further fish traffic was lakely
to pass between Keemarre and Rescommon reduced rates might
be arranged.
 The consignment had been charged for in accordance with the

(2) The consignment had been charged for in accordance with the Haff Parcels Owners, Risk seale (4r. 8d), per evs.), Rates of 3s. 3d. per evs., Company's Ruik, and 2s. 6d, per evs., Owner's Mask, were arranged for the conveyance of tresh becamps from Kammare to Galway. The rate of 2s. 6d, per ews. was applied to the consignment, and a referred was made to the comispine.

Gazay Southers and Westerns Rainay Co., Lish Novembe, 1989.— Than so notice of the arrival of a wagno of cool sent true North at the Monasterevan had been received by the consignee, and that a demurrage change of the half been made by the Company in respect of the wagnon, the contract of the Company in respect of the wagnon, and that is consigned to the configuration of the contract of the contr

GREAT SOUTHERN AND WESTERN RAILWAY CO. AND MIDIAND GREAT WITERIAN RAILWAY OF BERLAND CO., 19th November, 1903.—That the raiva five conveyance of grupes from Dablin to certain stateous were excessive.

The matter was considered by the Irish Railway Managers, who did not, bouver, and their way to make any alteration in the exassification of the tenths.

Gaisar Soutmens and Westman Rational Co., 20th November, 1900, and 10th December, 1900.—That the rates—9d. per cert. for distances from 1 to 20 miles and its per cert. for distances from 30 to 50 miles—6or the convergence of cert for the numerature of cases into Tippers are accession.

The Department communicated with the Great Southern and Western Railway Company in the matter. The Company were not prepared to muse any reduction in the existing rates.

DURLIN AND SOUTH-BISTERN RAILWAY CO. AND LONDON AND NORTH-WASTINN RAILWAY CO., 26th November, 1800.—That while the rate for the conveyance of deed pissibly at Owner's Risk from Ensistentity, Westord, and New Roas was Doblin and Holyhead to London was 6s. 5d. per cws., the rate from Railsdream was 6s. per cws.

The Department communicated with the carrying companies concerned. The companies stated that they were not prepared to reduce the rate. The matter is receiving sistention.

Gener Southern and Western Railway Co, and London and North-Western Railway Co, 25th November, 1969.—That the rates (57s. 62, per ton, Company's Rits, and 50s. per ton, Owner's Riest, charged for the conveyance of eggs from Rathkeale to St. Helena and Southport were

Rotes of 5% per ton, Company's Risk, and 4% per ton, Owner's Risk, were fixed for the traffic to St. Helens.

The Companies were not prepared to reduce the rates from Rathkeals to Southmort.

GREAT SOUTHERS AND WINTERN RAILWAY Co., let December, 1902.—That the rate—55s, per ton—for the correspance of ten from London to Kullalos was excessive.

Complehenant was informed that it was once to him to make a complaint

in the matter to the Board of Trade under Section 31 of the Builway and Canal Traffic Act, 1888.

GREAT NORTHER RAILWAY CO. (IRREADD); DUNDAIK, NEWRY AND GREENORE RAILWAY CO., AND LONDON AND NORTH WROTHER RAILWAY CO., 2nd December, 1909 -
(1) That 13s. 2d. was charged for the conveyance of a consequence of

returned empty fish horse—weighing I ton—from Greencestle to Balluriggen ton Greence.

(2) That £1 Lie 5d, was charged for the conveyance of 120 empty borrels from Manchester to Greenesste.
(3) The Great Northern Company issued matricetions for a refund of 2s. 2d. The charges resaming after this refund, viz. 1 lis, appeared to be those for new empty bores and not refunded.

appeared to be taken for new empty bores and not returned complete. The Disparisant levength the matter under the notice of the Great Northern Company, who saked to be furnished with the Great Northern Company, who saked to be furnished with the Greaterstell. The information was not appeared to the large of the Company of the Company

Come, Bassov and Sourn Coase Rainway Co., 4th December, 1938.— Thus the Company had mercepted the charges for the certains of fish owing to the winds of the cost of fish being regarded as 15 cent instead of 1 cent. as Commerly.

The Department made inquiry in the matter. It appeared that the

The Department made inquiry in the matter. It appeared that the uncreased charges only applied to herrongs sent from Bastry, and were accessitated by an increase in the weight of the conseguments, due to the use of heavier boxes and the employment of a closer method of packing.

GREAT SOUTHERN AND WESTERN RAILWAY Co., 46h December, 1978.— That a charge of 10s. had been made for the conveyance of 2 boxes of roker—1 ext. each—and charge of 14s. 6d. for the conveyance of conseguments of 3 boxes of 1 cut. each from Caherriveen to London.

The Department understand that a refund was made. Particulars have not so far come to hand."

Great Southern and Western Hailway Co.; London and North-Western Railway Co., and Middand Railway Co. of Exceland, 11th December, 1908.—That the rate—(Co. per ton—for the conveyance of crabapples from Tipperary to Grimsby was excessive.

The Companies concerned were communicated with, but were not pre-

pared to reduce the rate.

GREAT NORTHERN RAILWAY Co. (IZELAND) AND OTHER COMPANIES, 5th January, 1910.—That a charge of 17s. 8d. had been made for the conveyonce of a consignment of fruit weighing 6 cwt. 9 qr. 14 lbs. not., sent from Annaghmore to London in December, 1809.

It appeared that the consignment weighed 7 cut. 2 qrs., and that the charge was based on a rate of 40s. 8d. per tec. This rate was, however, reduced to 37s. 6d. per ten for the 1910 vesson. The difference between the charge mode and that which would have applied at the new rate was refunded to

consignor. GREAT SOUTHERN AND WESTERN RAILWAY CO. AND GREAT NORTHERN RAIL-WAY Co. (RELAND), 12th and 13th January, 1910.—That the charges vary-

ing from 2s. 4d. to 6s. 4d. per head made for the conveyance of ortant Turkey Coekerels (intended for stock purposes) from Tullamore to Dun-dalk, Portadown, Dromin and Mulford (Co. Armagh), were excessive. The Department brought the matter under the notice of the Great Southern and Western Company. It appeared that the charges varied from 2s. 4d. to 3s. 8d., and that no charge of 6s. 4d. had been made. It

Great Northern Railway Co (Renard) and Dublin and South-Eastern Railway Co., 18th January, 1810,—That the charge—fo. 8d.— for the conveyance of a deal press from Linawady to Stillorgan was

excessive. The charge appeared to be such as the Companies were extitled to make.

Gener Socremen and Western Railway Co. and other Companies, 21st January, 1910.—That the rates—16s. St. per ton in each cate—for the conveyance of eggs from Gort and from Tubber to Laverpool were excessive. The Department communicated with the Great Southern and Western Railway Company in the matter. The Company stated that no reduction

G. & J. BURNS, LYD., AND GREAT SOUTHERN AND WESTERN HALLWAY CO., 20th January, 1910, and 8th February, 1910 .- That the charges for the conveyance of a consignment of seed potatoes from Dumiries to Budge-The Department had inquiry made in the matter, and it appeared that

the charges were such as the Companies were entitled to make. GREAT SOUTHERN AND WESTERN RAILWAY CO. AND DUBLES AND SOUTH-

RASTERN RAILWAY Co., 27th Jenuary, 1910.—Thus the rate—3is. 2d per ten—for the conveyance of eggs from Tepperary to Kingstown was exces-The Department communicated with the Great Southern and Western

Reilway Company in the matter. The rate was reduced to 35-, 4d. per ton. Owner's Bisk, station to station, to apply until the 31st March, 1911. MIDBAND RAILWAY (NORTHERN COUNTERS COMMITTEE), 4th February, 1910.—That a charge of 3s. 2d. had been made for the conveyance of a

consignment of salk herrings, weighing 6 cwt, 1 qr., from Beltast to Toome. The charge was such as the Company were entitled to make, being calculated on the rate (class 1) for salt field from Belfast to Toome, viz. 10s. 1d. per, ton, including eartage in Beltast.

'GREAT SOUTHERN AND WISTERN RAILWAY Co., 7th February, 1910 — that the rate—1td. per gallon—for the carriage of new-milk from Kilmarkeck to Dublin was excessive.

The Department communicated with the Great Southern and Western Railway Company in the matter, but the Company did not see their way to reduce the inte.

Naval Government Railway Co., 21st February, 1910.—That £36 was charged for the conveyance from Durban to Blocartontein of a consegnment of potatoes weighing 6 tons 12 cert. 3 qrs. sent from Trules.

It appeared that it had not been possible to trace the particular consequences, out that the charge for 6 tons 12 cwis. 8 qus. of polatons from Durban to Blounfouteen should be about 424 13s. 10d.

NORTH STATIONDERIER BAILWAY Co., 20th February, 1910.—That through rates for the conveyance of bester from Lamerick to stations on the North Staffordshire Bailway had not been fixed.

The matter is still the subject of correspondence between the Department

Gener Southern and Western Railway Co., 1st March, 1910.—That excessive charges were made for the conveyance of certain consignments of butter sent from Abbeyfeal to Windermere.

It appeared on inquiry that owing to an error certam occasionments of butter sont from Abbeyteale to Windermore had been charged for at a rute of 8-, 10d. per crit, instead of at the rate [4], per [18], or 48, 84 per crit. Complianania informed the Department that a refund of £1 2s. 10d. had been made.

GREAV SOUTHERN AND WESTERN RAILWAY Co., 10th March, 1910.—That the rotes for the carriage of poulity and eggs from Robbaule to certain phases in Grant British included charge for collection and delivery—services which were not performed.

It appeared on requiry that the roles for the correspons of positive (possenger train server) from Retables old and incided beings for carried, as Rathiesis, and that the rotes for the conveyance of eggs is two of the photos mentioned by the complication (Universal and Gingson) were stationary to the conveyance of th

LANCONIER AND YORKOWSE RAILWAY Co., 10th March, 1910.—That a dauge of 14s. 8d. had been made for the conveyance of 7 dead pigs and 1 keyrel from Drugbods to Manchester.

It was found on inquiry that while the consignment had been to warded from Liverpool to Manchester by passenger train, the charge made—Lis. Sd.—had been calculated at the inrough rate of 26s. Sd. per ton, which was the rate for carriage by goods train service only.

GERS NORTHERS RAILWAY CO. (DEESCO) AND OTHER COMPANIES, 11th Morell, 1910.—While relevade shorts on sudo on the charges for the carriage dawns the years 100°, 100°s, and the most statement by the complainment of the companies. The companies of the companies of

It appeared on inquiry that the rates for the courveyance of coal were station to station rates, in respect of which refunds could not be made. The butter rates to Dolhis, Belizad, Lurropo and Glasgow were station to station rates.
If was suggested that complainants should communique with the Urest

Northern Company in regard to the charges made for the conveyance of butter to Bumingham, Leuden and Manchester.

GREAT NORTHERN RAILWAY Co. (IRELAND) AND GREAT SOUTHERN AND WESTERN RAILWAY Co., 19th March, 1910.—That while a rate of 27s. 5d. ptr ton was in force for the conveyance of apples from Richhill to

Limerick, a charge of 33s. per ton was being made for the same scryre

from Potadown.

The Department communicated with the Railway Companies concerned, and the rate from Potadown was reduced to Ms. 6d. per ton—the reduced rate to remain in force till the end of 1910.

MIDLAND GREAT WESTERN RAILWAY OF ISSUEND CO. AND LONDON AND NORTH-WESTERN RAILWAY CO., 23th March, 1990, and 4th May, 100.— That the rates for the conveyance of eggs from Castleres to London were in excess of the rates for the conveyance of eggs to London trons Frusey, Rossia, Domanark and Maly.

The Department are having investigations and comparisons made regarding the rates.

Mideand Guery Western Railway of Ireland Co. and Great Southern and Western Railway Co., 14th April, 1910.—That the rates for the conveyance of mackeret and herrings from Childen to towns in counties Tripotary and Limerick were excessive.

Typerary and inferior were excessive.

Reduced rates were arranged from Gliffen to the following stations in counties Typerary and Limerick.—Cakir, Cashei, Coomel, Dundrum, Emiy, Fethard, Laffan's Bridge, Nenagh, Reserva, Temphemore, Tharries Typerary, Abbeyfeale, Adary, Croom, Klimallock, Newassilo West and

Cork, Bendon and South-Comt Ballway Co.; Great Southers and Westerner Railway Co., and Middan Great Westerner Railway Co., and Middan Great Westerner Railway of Delicable Co., 18th April, 1910—That a change of 12s. 11d. Ind bear mode for the conveyance from Ballemone, Co. Cook, to Chirden, Co. Galway, of 3 bales of finding on the weighting 4 on 4.2 gri.

It appeared that there was no through rate from Bultimore to Clifden. The Department were informed that the charge would be adjusted to that which would have applied had a through rate (42s, 11d, per ton) been in force.

GENLY SOUTHERN AND WESTERN RAILWAY CO. AND OTHER CONTAINES. 9th May, 1910, and 18th June, 1910.—That through rates were not in operation for the conveyance of butter from Ballyhnde to Preston, Blackbort and Blackbook.

The Department brought the matter under the notice of the Green Studiers and Western Railway Company. A through rate of 384, 46, per ton, carted, was fixed for the conveyance of butter between Bullythak and Perston. This, rate was, however, ligher than the sum of the beckings of the conveyance of the Company of the Comp

The question of through rates between Ballyhale and Blackburn and Blackpool is pending. Gener Southern and Westman Randway Co., 10th and 19th May, 1910.—

That the Company refused to run special trains for the conveyance of entite at charges less than those which applied to ten unggoza.

The Descriment communicated with the Company in the matter.

The Department communicated with the Company in the matter, The Company stated that they had no fixed rise as to the number of suggests of sided for which they provided speems trains, but on the company when it reasonable for many sides of the company of the company of the Company were not prepared to after their existing arrangements, and Compilations were informed necessitingly.

Gerat Southier and Western Rahman Co. and Gerac Western Rahman Co., 21st May, 1910.—That the rules—3[d] per gal., Comer's Rahman 2dd, per gal., Comer's Rah, min. as for 12 gals—for the conveyance of mild from Newmonders, Co. Cork, to Pontypijal, Cardiff and Newport were excessive, especially in the ones of departed milk.

The Department communicated with the Great Sonthern and Western Railway Company in the matter. The Company stated that they considered the figures in operation reasonable when the distance and the transfer at the perts were taken into account, and that they were not prepared to reduce them.

GREAT SOUTHERN AND WISSEREN RAILWAY Co., 23rd May, 1910.—That the amount—63 17s. 11d.—charged for the conveyance of a half from Dubba for Twite-

It appeared on inquiry that the charge was based on the part truck rate, but that the autual had been comigned at head rate. The charge was reduced to the bead sate, and a sum of £2 2s. was retunded.

GRAY NORTH OF SCOTLANG RAILWAY CO.; CALIBORIAN RAILWAY CO.; CLYDD SHIPPING CO., AND GREAT SOUTHERS AND WESTERS RAILWAY CO., 24th May, 1910.—That charges, amounting to ET 16s, 94., had been made for the ounveyance of a bull from Ladysbridge Station (Great North of Scotland Railway) to CastleCormoche. Co. Orfs.

Scothad Railway) to Castletownoothe, Co. Cork.

It appeared that owing to the size of the animal the use of two stalls
in a horse-box was requisite, the rate on the Scothah lines for such
accommodation being the single horse rate and a-balf plus 25 per cent.
The rail charges in Scothad were colonized on this scote. A sum of 8s.

was refunded in respect of the charge between Cork and Castletownroche.

Great Scutimen and Western Rainway Co. And other Companies, 3rd
John, 1910.—That the charge—12a, 3d.—mails for the conveyance of seven
36-b. pyramid become of butter from Templemine to Nottingham use

The Department brought the matter under the notice of the Great Southern and Western Railway Company, and the rate for the carrings of outter from Templemore to Nottinghian was reduced from 57s. 6d. per ten to 3ds. 6d. per ten.

LONDON AND NORTH-WISSTERN RAILWAY CO. AND MIDLAND GREAT WESTERN RAILWAY OF IREZAND CO., 10th June, 1910.—That a sum of 61 14s, 4d, was charged for the conveyance of a consignment of young trees, valued at £1 ds., from London to Athenry.

It appeared on magnify that an overtharge of 15s. 4d. had been made. This amount was refunded.

Given Southbeau and Wherker Relevay Co., 14th June, 1910.—That the

charge for the conveyance of a bull from Porterlington to Bathanove, Co. Kerry, was excessive.

The Department had inquiry made in the matter. It appeared that the

part truck rate inates of the head mit had been charged. A refund was male.

GREAT SOUTHINGS AND WRITHER RAILWAY CO., 20th June, 1910.—That the

charge, 56 6s. 106, for the conveyance of a bull from Bubbin to Caburcivere was excessive.

The Department brought the matter under the notice of the Company. Its appeared that the animal was conveyed in a horse box, but that auch a service had not been ordered by consignor. The charge was reduced to the head rate, and a refund of £4 6s. 6d. was made.

SUMMARY OF INQUIRIES MADE BY THE DEPARTMENT IN REGARD TO COMPLAINTS RECEIVED RESIDENTING DELAYS IN THE CONVEYANCE OF MERCHANDISE BY CARRYING COMPANIES AND DAMAGE TO CONSIGNMENTS

DURING TRANSIT.

Complaints received during the period 1st July, 1909, to 90th June, 1919.

CORE, BASHOY & SCOTT CORES REMPAY CO., CETT OF CORE STRAN-PACENT CO., LORSSON AND NOTE WASTERN SHARMY CO., 5th JUly, 1986.— The consignment of 17 cases—which were forwarded at Company's risk on the 17th Jane from Skitheren to London.

The Department communicated in the matter with the Companies, and

were subsequently informed by complainants that their claim of £4 195in repard to the comigament had been met.

GREAT SOUTHERN AND WESTERN RAILWAY CO.; LONGON & NORTH WASTERN

Ramwar Co., 5th July, 1992.—That 300 eggs were backen in four 4thol.
mass of eggs—portice of a consignment of 30 cases—forwarded on the 19th
June, from Trake to Londoo.

The Department communicated with the Great Southern & Western

Railway Co. In the matter. The complainments subsequently stated that their claim for the damage had been gast in full, and that they laid unlined a distance improvement in the handling of oggs sent by the consignor in this case. COUNTY DONDGAL RAILWAYS JONY COMMITTER AND OTHER COMPANIES,

18th July, 1999, 18th August, 1999.—That eggs were broken in three consignments sent from Designl to Biochern.

The Department communicated with the Co. Denigol Railways Joint

The Department Communication when the Co. Sounded Rainways State Communities, who stated that they had no introc of one consignment, and that the other consignments passed through the different carriers' hands without remark.

GREAT SOUTHERS AND WESTERN RAILWAY CO.; LONDON AND NORTH

VARIANCE CO., 1864 July 1862 L. Onc. The temperature design of the Warriance Raince Co., 1864 July 1866. The temperature design of the Co. The temperature design of the Co. T

The Dopartment were instrumed by the Lecture and North Western Horsen County and the County of the County of the County Horsen County with off the lined to the Intrinse coins in the matter. Mixtage Onian Waverus Rainway or Brixays (o. Lecture con North and (J. That eggs sun from the Carrolcut-Shancon district to St. Heben, (J. That eggs sun from the Carrolcut-Shancon district to St. Heben, (J. That to shall cause of eggs from redd on the Pin September 1999. That In shall cause of eggs from redd on the 9th September 1999. (Ch. That In shall cause of eggs from redd on the 9th September 1999. (Ch. That In shall cause of eggs from redd on the 9th September 1999.

(1) and (2). Arrangement, were made by the London and North Western Restury On the have consignments of eggs fourward for morrecon-Shannan to consignes specially witched. The Impeted schalled for the duty was of openion that the case made by the consigners were set of the consigner of the consigners of the consigner of the conlinguistic of the Dipartment called on consigners, who undertook to have certain defects in the sums remodels. MERICAGO GEREY WERTERS RELEVENT OF INLESSO CO. AND OPERA, ONE.

OPERATOR STATE OF THE CONTROL OF

(i). The Middlard Great Wortern Go, stated that the destination was an injuried yearlies on the consequent only, that the eggs two consequently related to Howkish, and that when the error was discovered the convenience of the convenience of

Complainant was informed by an Inspector of the Department of the cent of the Department's inquiries Complainant stated that he was taken mable to produce documentary proof in support of his complaints.

LONDONDERMY AND LOTER SWILLY RAILWAY CO., CO. DONDER RAILWAY CO.

Jose Consurran, 21st July, 1969; Fris Angust, 1969.—(1). That no facilities was a should by the Reliewy Co. for using at Burton Fort consignants of adams test from this statuto. (2). That consignants of allows the status was the same and t

The Londonderry and Lough Swilly Co. at the defeated that they proposed to
free Londonderry and Lough Swilly Co. at the data that they proposed to

construct two large hogic wagons so that the rong could be done or route to Londonderry.

The Committee stated that they could not see their way to many the

The Committee stated that they could not see their way to incire the expense of providing the nee, ernshers, etc., necessary for using at the forwarding stations, as the consignments were small in quantity and were also infrequent and uncertain.

Deuts And Seven Harries, Barrier Co., 28th July, 1900.—(1) That probages of submon and dead distincts were placed on top of crites of five positive at New Ress Station of the three control of the transition of the criterion of station of the criterion of the cri

(1). The Co stant that there ever air package of fish and dual positive forwards from New Rose States by complaining on the data mentioned, that there was room for only three of them in the remaining there were placed in one and of a "Pershabble" or and the color and of which were three crates of the forth. (2) the Department brought the matter market has catter of the Dohn and South Eastern Radiency Co. The Co stated that every ener was taken in the hundring disregaments, and that the rope bundles were always and when varieties.

GREAT SOUTHERN AND WESTERN BAILWAY CO.; GREAT WESTERN RAILWAY CO., 39th July, 1900.—That a consignment of honey forwarded about the middle of July from Limerick to London was damaged in transit.

The Department.

The Department communicated with the Companies who stated that the honey was signed for on delivery without remark. MIDIAND GREAT WINTERS RAILWAY OF IRELAND CO.; LONDON AND NORTH-WINTERS RAILWAY Co., 30th July, 1909, 4th August, 1909.—That five half-cases of eggs forwarded from Boyle to Preston were hadly damaged

in transt.

The London and North Western Co. stated that three of the cases were accidentally damaged when being shapped at North Wall, Bublin. The consignment was forwarded at Owner's Risk, and a claim made in the matter was declined.

Gener Southern and Western Railway Co.; London and North Western Railway Co., 7th August, 1809.—That ten cases of eggs forworded on the 28th June, from Banteer on London and North Western

warded on the 1886 June, reen nameer on bosons and could be con-Co.'s rente to Liverpool were badly damaged in transit.

It appeared that a sum of 46 was offered in settlement of the claim made in the matter, but that the consignor was not prepared to accept

Hee than 28.

GRARY NORTHERN RAILWAY CO. [IREAND]; GREAT SOUTHERN AND
WESTERN RAILWAY CO., 11th August, 1900.—That eight boxes of butter
forwarded on the 1945 July, from Dungannon to Cork were not delayered
until the evening of the Xol August.

until the evening of the Not August.
The first Nerbern Co. stated that the consegument was handed to than a Dungamon at 5.30 p.m. on the 57th July, and was despatched by goods train the same evening, serving in Delban on the following night. Next day the locace were handed to the first Southern and Western Co. for conveyance to Cot². The 1st August was a Sender, The Co. also stated that Ind the consignment been handed to them in time for conveyance by the 5.30 p.m. sind inture Dungamone on the 27th July, it can be stated that the the conveyance by the 5.30 p.m. sind inture Dungamone on the 27th July, it can be sent the 27th July at the conveyance by the 5.30 p.m. sind inture Dungamone on the 27th July, it can be sent the conveyance by the 5.30 p.m. sind inture Dungamone on the 27th July, it can be sent to the conveyance by the 5.30 p.m. sind inture Dungamone on the 27th July, it can be sent to the conveyance by the 5.30 p.m. sind inture Dungamone on the 27th July, it can be sent to the conveyance of the 27th July at the conveyance of the 5.30 p.m. sind inture Dungamone on the 27th July at the

would have reached Beolin early on the following morning.

Mincare Genar Westers Ranwar or Lincare Co., Orr or Dunics Steam
Packer Co., 19th August, 1960—That two cases of eggs—portion of a consignment of seven cissas—fewarded on the 7th August from Drumana to
Livrepool were builty damaged in trensits.

Liverpool were bully damaged in transit. Inquiries made by the Companies showed that nothing was noticed amiss with the consignment at Liverpool.

GREAT NORTHERN RAILWAY CO. (LESLAND); LONDON AND NORTH WESTERN RAILWAY Co., 11th August, 1969.—That three cases of eggs forwarded from Gmagh to Liverpool were on reaching their destination on the 11th August

found to be in a bodly damaged condition.

The Lendon and North Western Co. informed the Dapartment that the matter had been arranged to consigned; satisfaction, and that the attention of their local staff had been called to the necessity of careful dealing with the egg traffic.

MIGLAND GREAT WESTERN RAILWAY OF DELEANS CO., CITY OF DUBLIN STRAN PACKET CO., 11th August, 1909.—That a consignment of eggs forwarded from Ballina to Liverpeol and delivered on the 7th August was hadly damaged in transit.

The claim mode in respect of the consegument was met.

Open or Owne Strans Pattern, Co., 12th August, 1809.—(1) That craves elime tent formstarded about the maille of July from Orchy per s. We manner were placed slong the railing on dook, and that 65 goess and 19 dooks in the onesignment were of downed during transit, (2) That the crates of five forel curring early on Studiesy in July 1809. The crave of the forel curring early on Studiesy in July 1809. The control of the Contr

(1). The Company stated that the steamer did not thin any water during the verage, and they expressed the opinion that, in the case of the forel resid to have been drowed during treaset, the mertality was due to overcoveding in the centre. (3). The Ox stated that "the configures cert thair own trailles and invariably remove it after arrival on Sunday." Complainant was informed of the Company's replies, and did not communicate further with the Department in the matter.

MINIAND GREEN WESTERN RESIDENCE OF INTERNO CO., AND OFFICE CONFESTION, 19th, 20th, 20th, 20th August, 1909—(1). That 1,300 eags were smalled in transit in a consignment of 15 cases forwarded on the 5th August from Childen to Manchester. (2). That 11 cases of eggs—portion of a consignment of 14 cases—seed from Manm Cross to Manchester were badly damaged in transit.

(1) and (5). The Department brought the comploints under the notice of the Mudland Great Western Co. As regards the first consegnment the Co. stated it was carried to an address in Manchesters at which conseque was anknown, that it was carried to another address next day, and that delivery was refused. The Co. were of opinion that the caring in Manchester would have a detainmental effect on the eggs.

The Co. stated that the latter consignment was carted 7 miles over a rough road to Maam Cross Station, that it was conveyed at Owner's Risk rate, and that the Companies could admit no liability.

Genar Northean Raisway Co. (Hexano), 36th August, 1909.—That the accommodation at Steabase Station for forwarding blockberries from the passenger platform was imalequate.

The Department's Superintending Transit Inspector was of opinion that reasonable facilities were afforded at the Station for the blackberry traffic per passenger trains, and the complainant was so informed.

Gene Southern and Western Barnway Co.; Langarne and Yorkessine Railway Co., Siek Logart, 1969.—That a half caso of eggs sent on 1884 June from Tipperary to Blockburn wise found on delivery to be bully lesking. The Department brought the matter under the notice of the Langashire and Yorkestire Company, and the oldin made was not.

GHEAT SOUTHERN AND WESTERN RAILWAY Co., Let September, 1908.—That a consignment of salt forwarded on 28th August from Lamerick to Kulmorns was dimassed in transis by fail brins.

A claim of 6s, in respect of the salt was met by the Co.

GREAT NORTHERN RAILWAY CO. (IRMAND), 3rd September, 1909.—That on the 30th July at Fintona Station cases of eggs were leaded for Londonderry in a wagon in which a quantity of hides had been placed.

derry in a wagon in which a quantity of makes had been piacod.

""e Company stated that the eggs were not conveyed to Londonderry in the same wagon as the hides.

Complainant was informed of the Oo's realy.

Leonos and Norm Wintzus Rallwar Co., 11th September, 1902.—Ilast 3 butts and 3 becas of butter forwarded to Liverpool from 8 intens on the 3rd September and singped at Greenore on that date had not reached their designation up to the 9th September.

The Company stated that the butter reached Liverpool on the 4th September without a wayfell, and unaddressed, and that the consignoes could not be traced until their full address was received on the 9th September. The Company informed the Department that a claim made in the matter had been discussed of to the satisfaction of complainant.

GHEAT SOUTHERN AND WESTERN RAILWAY CO.; MIDDAND GREAT WESTERN RAILWAY OF IRELAND CO., 11th September, 1909.—That a consignment of butter sent on the 7th September from Cork to Ballinrobe had not reached its destination up to the evening of the 10th September.

The Great Southern and Western Co, expressed regret that the conagament met with one day's delay in their faunds owing to the late running of one of their goods trains which missed the connection.

GREAT NORTHERN RAILWAY Co. (IRRIANU), 18th September, 1908.—Ithat a box of butter sent on the 9th September from Randalstown Station tor one of the Department's Surprise Butter Competitions was in a badly

damaged condition when delivered at Ball's Bridge, Dublin, on the 10th September.

The Department communicated with the Company in the matter, and a claim in respect of the loss sustained was met.

Geray Southern and Western Relevay Co. and other Companies, 22nd and 20th September, 1909.—(1). That butter was on delivery found to be missing from a box sent on the 16th September from Cork to Liphosis, Hants. (2). That butter was on delivery found to be missing from a consignment sunt on the 16th September from Cork to Malmesbury, Wilts. (3) That of two boxes of butter forwarded on the 10th September from Cork to Chilford, Glourester, one box was not delivered to the consignor.

(1). The Great Southern and Western Company stated that they were unable to trace any consignment as having been sent on the 16th September to the consignee, but that a claim in regard to a box of butter sent on the 14th September had been met. (2) The Great Southern and Western Company stated that the consignment was delivered in apparently good condition and signed for on behalf of the consigner without remark, and that there was no evidence that pilferage occurred in transit. (3). A claim
of £1 Ss. in respect of the box of butter was paid.

GREAT SOUTHERN AND WESTERN RAILWAY CO.; LONDON & NORTH WESTERN Banwar Co., 54th September, 1909 .- (1) That 12 boxes of mackerel sent on the 16th September from Valentia Harbour to Liversool arrived late on the 16th September from at the Liverpool market, and were sold at a reduced price. (2). That 10 boxes of macherel forwarded by the 8.20 a.m. train from Valentia Harbour on the 23nd September to Birmingham arrived late for the Birmingham market next day.

(1). The Great Southern and Western Co. stated that the consignment was handed to the London and North Western Co. on the 16th September. The London and North Western Co. stated that the boxes were shipped to Holyhead by the 7.30 p.m. beat on the 16th September, were forwarded from Holyhead by the 3.50 a.m. train on the 17th September, and were delivered 4 8.5 a.m. on the 17th. (2) The Great Southern and Western Company stated that the consignment was handed to the London and North Western Company on the 22nd September. The London and North Western Company stated that the boxes were shipped to Holyhead by the 7.30 p.m. beat on the 22nd September, but that all the boxes were not sent forward from Holyhead together owing to the beavy quantity of fish (200 boxes) that had to be dealt with. Three of the boxes were, the Company stated, delivered about 8.10 a.m., and the other seven about 11.20 a.m. on the 28rd September.

The London and North Western Company stated that no avoidable delay occurred.

Sizeo Stram Navasarson Co., Ltn., 30th September, 1909, 7th October, 1909.—That a large number of eggs were broken during transit in a consignment of five cases forwarded on the 25th September from Belmuliet to a firm in Shgo.

The Company stated that there was no sailing from Belmullet to Singo

between the 24th and 29th September, but that five cases forwarded to a firm in Sligo by complainant renobed Sligo on the 24th, and were delivered in apparently good order on the following day. GREAT SOUTHERN AND WESTERN BAILWAY CO., MIDEAND GREAT WESTERN BAILWAY OF IRRIAND CO., LONDON AND NORTH WESTERN BAILWAY CO., let

October, 1969.—That a consignment of pigs forwarded on the 2808 December, 1968, from Atheary to Birmingham, did not reach Bringham until 8-40 p.m. on the 2908 December; that white delivery was affected on the following morning 18 of the pigs were found to be in bad equidition: that the consignment missed the market, and that the Companies refused to meet a daim in respect of the loss sustained. The London and North Western Company stated that the consignment

got the first available service, that the page were apparently in good condition on arrival at Birmingham; no complaint having been made on bohalf of the consignee when delivery was effected; but that some days negati of the consignee when nearvery was extremely any trait some days anbequently consignee complained that thirteen of the pigs were dis-treased. The Company slap stated that the claim mode in the matter was declined on the ground that there was no evidence of unreasonable delay or damage during transit.

GREAT SOUTHERN AND WISTERN RAILWAY CO.; LONGON AND NORTH WESTERN RAILWAY Co., 2nd October, 1970.—That on the delivery of a box of hutter sent from Cork to Nassington, near Wansford, 3 Re. of butter were found to be missing and the box to he in's damaged condition.

The Department communicated with the Carrying Companies in the matter, and a claim of 4s. 6d. in respect of the less sustained was met. CHEAT SOUTHERN AND WESTERN RAILWAY CO.; CITY OF CODE STRAM PACKET

Co., 2nd and 7th October, 1909.—That 50 eggs were broken during transit in a case of eggs—partice of a consignment of 10 cases—forwarded on the 21st September from Tipperary to Liverpool.

The Great Southern and Western Company stated that the consignment was handed in good order by them to the Oxty of Cork Steam Packet Co.
The Steam Packet Company stated that it was in good order when delivered to consignees, and that a clear receipt was given. The Steam Packet Company also stated that consignees performed cartage at Leverpool, a distance of about 12 miles.

GREAT SOUTHERN AND WESTERN RAILWAY Co., 6th October, 1809,-That me ton of fresh hutter sent to Cork from Cappoquin, and one ton from Rallydaff were delayed in delivery.

The Company stated that the deliveries at the time were not so good as formerly owing to the employment of new hands consequent on a sirke at Cork. The Company, however, hoped to have in a short time prompt delivertes effected at Cock.

Laun Lau, Len., 9th October, 1909.—That in a 12 hbd. case of eggs forwarded on the 2nd October from Londonderry to Portick, Glasgow, six dozen eggs were found on delivery to be broken.

The Company stated that they had had the matter fully inquired into, but had been unable to discover where the damage occurred, the case having been handed over to the carrier at Partiek in opparently good order, and a elect receipt obtained. The Company informed the Department that they had again issued instructions to their staff in regard to the necessity for special attention in the handling of the egg traffic.

GREAT SOUTHERN AND WESTERN RAILWAY CO.; LONDON AND NORTH WESTERN RAILWAY CO. 13th October, 1969.—That two consignments of game hammers forwarded on the 30th September from Liverpool, via Holymend and Dublin, to Askenton Station, and Ballybunion, had not reached their destinations up to the 6th and 13th October, respectively.

The Department were informed by the Companies that portion of the first consignment reached Askeaton Station on the 5th and the remainder on the 7th October; and that the lot for Bellybunion go on of our distribution go on of our distribution go. was met, and a claim which was made regarding the other consignment was withdraws.

GREAT SOUTHERN AND WESTERN BARWAY CO.; LONDON AND NORTH WESTERN RAILWAY CO.; MINIAND RAILWAY CO., 18th October, 1959.—That a cask of botter forwarded on the 4th August from Linerick, via Dublin and Holykead, to Kettering was hadly damaged in transit, and was refused by consigners. A civim made in the case was met by the London and North Western Rail-

GREAT SOUTHERN AND WESTERN RAILWAY Co., AND OTHER COMPANIES, 18th October, 1909.—That eggs were broken in a consignment sent on the 23rd October, 1948.—That eggs were broken in a consignment sent on the ' September from Tipperary via Waterford and Leverpool to Preston.

The Great Southern and Western Company stated that the ages were consigned and forwarded vin Dahhi and Lorenzood, that the configurant was forwarded to be brought forward, they could not see that way to meet a dain in the matter. Complainants were informed of the Company's decision, and did not further communicate with the Department in the

COME AND MACROOM DIRROY RAILWAY CO.; CHT OF COME STRAM PACKET CO.; GREAT WESTERS RAILWAY CO., 28th October, 1959.—That of nine boxes of butter such on the 3Th September from Lissuard, Co. Cork, to Garcan, Glamogram, only two were delivered to consignees, other boxes being delivered instead of the remaining portion of the consegnment.

livered instead of the remaining portion of the consignment.

The Department were informed by the Cork and Macroom Direct Railway
Co. that the consignment had been delivered to consignment in order.

Co. that the consignment had been delivered to consignees in order.

Giff or Cong Stram Packer Co., and orders Companies, 6th November, 1969.—That certain cases of eggs forwarded from Cork to Cardiff, Ports-

month and Lendon were found on delivery to be damaged.

The Dapartment communicated with the City of Cork Steam Packet Co.

In regard to the transit of the configurants. The Company stated that
the matters complained of were recovering attention, and that due care
was given with a view to ensure the safe transit of the trains of

GREAT NORTHERN BARRYNY CONFANY (BREANN), AND OFFER CORPLOYER, NORTHERN DESCRIPTION, TO THE ALL OF COMMON PROVINCE OF ANY ADDITION OF THE ALL OF COMMON PROVINCE OF THE ALL OF TH

(1) No. Department were informed by the Great Newtern Rashwy Company that delivery was effected on the 22nd August. [2] The Department were informed by the Great Northern Company that the latter was delivered on the 26th August. He Company also stated that they cade-stood that the can of cession was upost by a looked truck on the platform at Aberdeon Station, and that the Great North of Sciontal Rakiney October 10 and 10 a

Dublin and South Eastman Rakman Co., 22nd November, 1909,—That portion of a comagnment of sixty chickens forwarded from Rathdress Station to London was lost in transit.

The Department communicated with the Dublin and South Eastern Com-

pany in the matter, and a claim in respect of the less sustained was met.

Grans Seventine and Wittens Rations Co., 20th Normaber, 1999, 7th January, 1909. That eight colar do thieter sent on the 7th August 1807 and to Gran Klimuliock win Cock and the Cityle Shipping Company's next of Haspow, sinced the Monday eventing selling from Company's booth which called by a directions route, calling at Linearith, and which was not disc round [1998] and the control of the control of the Cock of

to resear company. Intil these receiving security.

The Girest Southern and Western Southern and the the butter near The Girest Southern and Western Southern Souther

on so. The consignment had been forwarded at Owner's Risk. A claim for 244 was made. The Company declined to meet this claim, but offered complainants the amount.—358 -for which the butter had been disposed of Compainants returned to accept this amount.

It did not appear that the case was con in which the Department could

It did not appear that the case was one in wusefully take further action.

Lake Lake, Luc., 26th November, 1900.—That eggs were pilfered during transit from a case sent on the 17th November from Londonderry to Glasgow.

The Company informed the Department that the consignment passed out of their bands in apparently good order, a clear receipt being given by

G. & J. Burns, Line, Lane, Line, Line, Line, 11th December, 1909.—That some wave pilfered from consignments in transit from Londonderry to Glasgow.

An Irapector of the Department called at the Londonderry offices of Mesers. Burns and Laird Line. Both Company's agents stated that piffering was practically impossible as the greatest precautions were taken.

Gere Scuttien and Westers Reluway Oc.; Midland Girler Western Railway of Indiano Co., 18th Docember, 1909.—That two boxes of butter forwarded on the lat December from Cork to Mullingor were not delivered until sax days after the date of despatch.

The Great Seathern and Western Company stated that there was a delay of one day rithic the consignants was in their hands owing to pressure of traffic. Delivery was effected on the 6th December. Writing to the Department in June, 1919, complanant stated that the arrangements for the conveyance of butter between the points had been statisfactory since the date of his compliant.

The Green Nurbern Company stells that they had been detected and an above of the first convergence by the 3.00 gas. This may 5 mass in all trains and 6.00 keV and 100 gas. The first convergence of the first convergence

train was received as bate as 2.30 p.m.

2. The Green Northern Company stated that they did not understand where the difficulty arose in report to fail from Buntrana intended tor correvance by the 3.30 p.m. trails, as the Landborderry and Longh Swilly and the Company of the Landborderry at 6 p.m., giving ample time to have the file in the United Northern Station by 8 p.m. giving ample time to have the file in the United Northern Station by 8 p.m.

GREAT SOUTHERN AND WESTERN RAILWAY CO.; GREAT NORTHERN BAILWAY Co. (IRELAND), 30th Decomber, 1902.—That a hox of butter forwarded on the 23rd December from Cork to Ardre had not been delivered up to the

29th December. The Great Southern and Western Company stated that the consignment was transferred to the Great Northern Company at Amiens Street on the was transferred to the Great Northern Company at Amisen Street on the 48th and arrived at Arboe on the 58th December, on which date consignee was advised seat did not take delivery until the 51st December. It supported that there was no goods train by which traffs for Ardoe could have been forwarded from Amisens Street herwoon 4 a.m., on the Jones December and 6 a.m. on the 58th December and Company Company. pany's goods depot having been closed on the 25th, 26th and 27th December.

DUBLIN AND SOUTH RESTRESS RAILWAY Co., LONDON AND NORTH WESTERN RAILWAY Co., 7th, 10th and 12th January, 1910.—That five bales of bacon forwarded from Emissorthy to Manchester via Holyhood, and delivered on the 1st June, 1909, were found on arrival to he scaled with fish water. The Department communicated with the Companies. A claim of £15 ls. made in the matter was met.

LONDONDERRY AND LOUGH SWILLY HALLWAY Co., 19th January, 1910 .-That in the case of consignments of salmon forwarded from certain places in Donegal to Birmingham seing was either not done or so badly done as to he quite ineffectual.

On the 14th March an Inspector of the Department reported that the On the late and Lough Swilly Company based to have at an early date two large logic wagons in use so that the reing of consignments of fish could be done on route to Londonderry.

LONDON AND NORTH WESTERN BAILWAY CO. AND OTHER COMPANIES, 28th January, 1910, 5th and 8th February, 1910.—That certain cases of eggs forwarded from Dunegal to London were damaged in transit.

The Department had inquiry made, and complainants, writing on the 24th March, stated that the London and North-Western Company had sorred to meet them with regard to the claims made in respect of the consignments.

GREAT SOUTHERN AND WESTERN RAILWAY CO. AND OTHER COMPARES, 29th January 1910.-(1) That choose forwarded from Charleville to Manchester constantly arrived in a damaged condition. As an instance, it was mentioned that of one consignment of 30 backets, 15 were found on arrival to be damaged. (2) That the delivery of returned empirica-boxes or baskets in which checks had been packed, sent from Manchester to Char-

leville, was unsatisfactory. (1). The Great Southern and Western Company stated that the common

(1). The Green Southern and versions company and that no complaint as to damage had been received until the day after delivery. The Company also stated that the obsers was freely manufactured, and some puny asso stated that the onesse was freshly manufactured, and being therefore in a soft condition was most susceptible to damage in transit and that the busiests in which the traffic was preked were not provided with lids. (2). On the lat April the Great Southern and Western Co. stated that the matter had been taken up and that an improvement had amore taken place in the traffic. The Department suggested to complainants that consignments should be packed in weeden cases or drums constructed of substantial boards. On the 27th July the manager to consignors in-formed an Inspector of the Department that for three months there had been no complaint as to damage; and that strong wooden boxes instead of haskets were then used for the conveyance of consignments.

Gunay Southern and Western Railway Co., 3rd February, 1910.—That consignments of roll butter forwarded from a creamery at Kilmorna to Cork were frequently pilfered in transit.

The Company stated that inquiry had been made as to the conveyance of several consignments in regard to which claims in respect of pitterage had been made by complainants, and that the consegnments were found to have been delivered in the same apparently good condition as received from senders, the seeds on the boxes and baskets being intact on delivery.

The Company also stated that special instructions had been given as to the reception of the traffic at sending point, and that same then there had been no complaints of shortage.

GREEN SOUTHERN AND WORTHEN RELIEVES US. AND OFTER CORPASSION, SEE Probrows 100, 17 East 2 lib., of builder were professed from a consupprise control to the 192th August 1,1900, from Cork to Nannington. (29 "bast a box of butter forwarded on the 9000 tectors, 1900, from Cork to Wistown, Scotland, was less to transit. (3) Thu 32 libs of butter were pillored from a consignment seed on the 38th November, 1900, from Cork to the 1900 t

(i). The Great Southern and Western Company stated that the component was forwarded on the 11th (or 120) August, and that a claim of 2t. 1d. in respect of the loss sustained was nest. (2) The Great Southern and Western Company stated that they had no trees of the Contignment of the Contignment

Gener Southern and Western Railway Co., Middand Great Western Railway of Ireland Co., 11th February, 1910.—That swe house of butter forwarded on the Set February from Cork to Edenderry were and delivered until the Sth February.

It appeared from inquiry that the butter was conveyed use Glera and

citd out would be deserty until the 7th February, but that if it had been forwarded you Dublin it would have reached Scientery on the 5th February. Arrangements were made by the Companies for the extrying of consignations from Cark to Edenderry by the more expeditions route sun Dublin.

FERMY SOUTHERN AND WRITINN RAILWAY Co., 16th February, 1810.—

That a box of butter sent on the 18th July, 1909, from Krismallock to Cork was not delivered.

A claim made by complainants in respect of the loss sustained was met in full by the Company.

GREAT SOUTHERN AND WESTERN RAILWAY CO., MIDIANN GREAT WESTERN RAILWAY OF LEBAND CO., 7th March, 1910.—That a box of butter formarded on the lig. March from Cott to a trader in Ballimobe had not been delivered up to the evening of the 5th March.

The Department had the restier inquired into. A claim made by the contiguor was paid in full.

Learnourier, 1991. Louis, Swiller Rattwer Co., 10th March, 1910.—
That four borned cove (cincide) were bounded at Boodscaderry Station for conveyance in a wages with a premium bull (tied) which was being torwarded from Leandscaderry Showto Kilmercrame.

warded from Londonderry Show to Kilmscrennan.

The Company held that in loading the animals together they did not violate any regulation as the bull was secured by the head. No injury resulted to the bull.

Arrangements were made by complainants to stipulate for the future, when sending pressions animals on the smaller Bailway Companies' lines, that they should not be leaded with other animals.

MINGAND GREAT WESTERN RAILWAY OF TREASP CO.; LONDON AND NORTH WESTERN RAILWAY Co., 18th March, 1810.—That delays took place in theconveyance of consignments of eggs sent from Woodlawn to places in Bogland.

songuand.

The Companies looked into the matter. No further complaint as to the transit of such consignments was received.

Gerat Southern and Western Railway Co.; London and North-Western Railway Co., 22nd March, 1910.—That consignments of butter sent on Saturdays from Limerick Junction to Bradford were not delivered sent on Saturonya from America Substance of that consegnments sent on until Tuesday afternoon or Wednesday, and that consegnments sent on

Fridays did not arrive regularly on Mondays. The London and North-Western Company stated that they had taken up

the matter of the transit of consignments between these points. NORTH BRITISH RAILWAY CO., AND OTHER COMPANIES, 22nd March, 1910.-

That consignments of eggs forwarded from Enniskillen to places in Scot-land were carolessly handled by the Scottish Rallway Companies. An Inspector of the Department who interviewed complainant in the matter was informed that the damage chiefly occurred in the case of eggs sunt to Musselburgh, and that in consequence of but handling the trade with Musselburgh had to be discontinued. Complainant suggressed that

further action might be deferred pending a resumption of business with Musselburgh. GRAG SOUTHERN AND WESTERN RAILWAY CO., 22nd March, 1910.—
(1) That a crate of ford forwarded on the 24th November, 1950, from
Bantoes to Dobble was instelled reviewed by the Company, and that for 18s. 6d, was sentained by companie. (2) These a central forwarded on the lat March from Bantoer to a firm in Bellin had not been delivered

up to the 8th March (1). The Company stated that the crate of fowl was booked from Mill-street to sender's order on the 26th November, that delivery instructsons. were not received at Kingsbridge, Dublin, until the morning of the 27th November, and that owing to an error the consignment was not delivered to consignees. The Company also informed the Department that the firm to whom the consignment was delivered remitted the net preceeds realised (stated to represent the top market price) on the fowl to complamants. (2) The Company stated that the consignment was entered forward to Kingbridge by the 10.30 nm. train on the lat March, but was not received at that station. The Company also informed the Department that on the 1st March and a crack of fowl was received unentered at Cork and on the 1st March a crack of fowl was received unentered at Cork and on the 1st March a crack of fowl was received unentered at Cork and

delivered to a trader in that city, who remitted the proceeds to com-LONDONDERRY AND LOUGH SWILLY RAILWAY CO.; GREAT NORTHERN RAIL-LONGONDEREY AND LOUGH OWHLET HARVAY CO.; CHREAT NORTHERN RAILWAY OF INLAND CO.; WAY CO. (IRELAND); MIDGAND GREAT WESTERN RAILWAY OF INLAND CO.; STEM MARCH, 1916 (1). That two barrels of fresh herrings—portion of a consegument of tour barrels-forwarded on the 8th February from Bunctana Station to Castlehar did not reach their destination until the 13th February, and were but did not reach their destination useful the 13th February, and were the had condition. (3) That two burstles of result herrings forwarded on the 4th February from Bunceaus Station via Glaremorris to Newport, (Mayo) were not delivered to consigner. (3) That of two barries of fresh betrumps forwarded on the 8th February from Bunchunk beation on Characteris to Tunan one heard was delayed from days in 12004.

(1). The Midland Great Western Company stated that through an error two of the barrels were leaded in a through wagen from Londonderry to Carrick on Shannon, where they arrived unenfored on the 19th February. Inquiry was made by telegram and the barrois were sent to Castieber, arriving by the night mail on the 12th February. (2) The Great Northern Company stated that owing to insufficient address the consegnment, which Company stated that owing to insufficient address the consegment, which was harded to them with constituent trails, was fewarded to them with constituent trails was fewarded to that the amount resilised was remisted to companisates. (1) The constituent of the consequence was the consequence where received by them and day transferred to a state that whether Company, but that the Grant Norsiders Company to that the Circle Norsiders Company to that the Circle Norsiders Company to the Cartesian accordingly.

The Great Southern and Western Company stated that they delivered one barrel at Tuam on the 11th February.

GERRY SOUTHERS NO WESTERN RAILWAY CO. AND OFFIRM CONTINUES. SHIP APPEL 1910.—Third consignaments of Thre poultry consisting of 30 crabes forwarded on the 11th November, 1909, from Castibilization to Colchester, Paddington and Dies were looded by the Company in a van which did not admit of proper ventilation; that 25 of the birds died during conveyance, and that the Company deciding to more a chief of 20 to 6th in respect

of the loss sustained.

The Department communicated with the Great Scattern and Western Company in the matter and zero informed that the configurant as not company in the matter and zero information that the configurant is a result of the control of the c

CORE AND MACROOM DIRROT RAILWAY Co., 21st April, 1910.—That hutter forwarded from a creamery at Lissarda was conveyed in unsuitable wagons over the Cork and Macroom Line.

The Department made inquiries in the matter and arrangements were made by the Company for the conveyance, in specially prepared wagons, of batter sont from stations on their line.

Great Southern and Wistern Railway Co.; \ London and North Wisters Railway Co., 18th May, 1910.—That three casks of inter forwarded on the 19th May from Limeteck Junction to Bradford had not been delivered up to the 19th May.

The Department were informed by the London and North Western Company that the consignment met with some unavoidable delay during conveyance. The Company also stated that they had taken up the matter of the trunsit of consignments of butter hetween the penuls.

Great Northern Railway Company (Irrays); G. & J. Burss, Lyd.; Caleboxian Railway Co., 21st May, 1910.—That six case of eggs forwarded on the 14th May, from Coutchill to Glasgow, and thence to a firm in Dundes, were found to be very wet on arrival at Dundes.

Inquiries made in the matter failed to show how or where the damage occurred.

LONDON AND NORTH WEATHER RAILWAY Co., 23rd May, 1910.—That nine cases and two boxes of butter forwarded from Limerick Junction to Bradford and despatched from Holyhed at 12.40 a.m. on the 23rd May had not reached Bradford up to 7 p.m. on that date.

The London and North Western Company stated that, through exceptional causes, there was some little delay at Holyhand, and that the butter reached Bradford at 4.5 n.m. on the 24th May.

GREAT SOUTHERN AND WISSTERN RAILWAY Co., 3rd June, 1910.—That a wagon of porter sent on the lat June from Cork to Caberviveen had not

been delivered up to the 3rd June. The matter the Department learned Frum inquiries that were made in the matter the Department learned that the wagen was held over at Cork and at Killerglin owing to goods trains being too heavily inden. Arrangements were made by the Company with a view to exame the due delivery of future conseguments.

Great Southers and Western Railwar Co., 15th June, 1910.—That in two crates of live positive—portion of a configuration of δ crates—forwarded on the 11th June from Cloumel to London, 19 birds were found on arrival to be deed.

From inquiries which were made by the Department in the matter is appeared that the crates in which hirds were found on arrival to be dead were open to ventilation at the top only. 1. Minard Graz Westers Railway of Inelan Co., and Graz Severman AND Wisters Railway (b., (2) Minara Graz Westers Halling Brians O., 163 June, 1610.—4 "Minara Graz Westers of the 1600. June, 1610.—4 "Minara Kupilal, was not delivered until the 1600 kider. (2) That a purel of sixtinent years on the 1615 May from Abboy to Railwalkine had not been delivered up to the 1684 June

Annoy so simulation on some minimal that with the Milland Great Western and American and that the consignment was handed to consignment of the Carling frame some until the date of indurery. On the Carling frame some until the date of indurery. On the Carling frame some until the date of indurery.

GERAT SOUTHERN AND WESTERN RAILWAY CO.; LENDON AND NORTH WESTERN RAILWAY Co., 18th June, 1910.—That two 98 lb. boxes of butter seat on the 28th May from Limetick, via Dublin and Helyhond, to Ethennere Port, Conshire, were not distreed until the 9th June.

The Great Southern and Western Company stated that the consignment was transferred to the London and North Western Company at Dublin about 6 a. m. on the 29th May.

about 6 z. m. on the SBM May.

The London and North Westlern Company Intel that the Notice residence
Elleanners for the SBM May and could have been had on application
Elleanners for the SBM May and the SBM May are set to convenient the date, but that unfortunately the boxes got separated
from this invoice between Choster and destination, and were in convenients
delayed in delivery. The Company exprand of the SBM May are set to convenient the set of the SBM May are set to convenient the SBM May are set to the set of the SBM May are set to the set of the SBM May are set

SALE OF FOOD

I.—STATEMENT GIVING PARTICULARS AS TO SAMPLES OF BOTTER,
ACTS IN THE COUNTIES

		But	ter.		Mac	gszine.
County.	No. of Samples taken.	No. of Prone- cutions,	No. of Convic- tions.	Pensities imposed.	No. of Samples taken.	No. of Prose- cutions
Action, Armagh, Corleye, Coron, Coron	97 106 54 54 89 204 636 63 140 336 66 223 92 92 92 162 163 163 178 183 183 183 183 184 184 184 184	1 2 1 7 7 30	1 2 2 1 6 30 30 16 6 3 3 - 2 - 5 1 1 1 3 3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	5 e. d. 0 13 6 6 1 15 0 0 4 6 6 2 18 6 2 18 6 2 3 14 1 1 12 6 9 1 7 7 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 6 1 0 1 2 6 1 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0	2 1 2 4 4 5 111 1 5 1 1 1 5 5 1 1 1 5 5 1 1 8	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total,	4,302	104	94	60 9 2	68	8
Total for Year 1908.	3,597	124	102	57 3 0	19	7

One sample of Margarine-Choose was taken (in Co. Londonderry) during the period. There was no infringement of the Acts in regard to the sample.

AND DRUGS ACTS.

Margarine, Cheese and Milk taxes by Inspectors under the during the Year 1909.

		Cheese.		3	fijk.	
No. of Convic- tions.	Penaltise imposed.	No. of Samples taken.	No. of Samples taken.	No. of Processa- tions.	No. of Convic- tions.	Penalties imposed.
	\$ s. d.	54 12 1 1 20 4 9 55 84 2 11 10 5 5 35 10 5 5 12 2 4 35 4 2 10 10 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	212 35 47 97 163 665 160 160 186 1,011 29 257 179 46 85 55 50 60 300 31 18 140 40 40 40 40 40 40 40 40 40 40 40 40 4	10 9 3 2 5 49 1 17 25 5 16 18 7 7 10 1 2 2 2 1 5 2 1 1 1 1 1 2 2 2 1 1 1 1 1	97733 3 1 451 41 23	### ### ### ### ### ### ### ### ### ##
7	14 2 0	*583	5,232	241	204	252 4
7	16 1 0	444	5,241	255	210	269 18

 In only one case were proceedings instructed. The sample was trace the Co. Antrim. The case was dismissed.

II.—STATEMENT GIVING PARTICULARS AS TO SAMPLES OF BUTTES,
ACTS IN THE COUNTES DURING THE

		В	stee.		Mary	parine.
County,	No. of Samples taken.	No. of Prosocu- tions.	No. of Convic- tions.	Penaltica imposed.	No. of Samples taken.	No of, Prosucu tions.
Anatim, Armajh, Carbor, Carvan, Carbor, Carvan, Carcan, Carcan	37 73 23 23 128 314 165 145 145 129 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 29 42 20 42 20 43 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46		= 1 16 1 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 s d	- 2 - 1 - 2 - 4 - 1 - 1 - 4 - 1 - 1 - 1 - 4 - 1 - 1	
Total,	1,950	34	31	22 10 8	32 .	1

NOTE.—No samples of Margarine-Cheese were taken during the period.

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Mangarine, Cheese and Milk taken by Inspectors under the Hale-Year ended 30th June, 1910.

		Choose-		М	ilk.	
No. of Convic- tions.	Ponalties imposed.	No. of Samples [taken.	No. of Samples taken.	No. of Proscou- tions.	No. of Convio- tions.	Penaltics imposed
	£ e. d.					5 4, 4
	2 4, 6.	22	84	3	3	1 10 4
		111	37		5	4 3
		1	1.9	3	1	0 9
		8	37	4	4	1 4
_	_	1 1	73	1	-	-
_	-	2	411	50	38	28 18
-	-	29	65	_	1	13 0
_	-	45	93		4	
_		14	512	14	12	29 0
_			18	1	4	5 2
		7	116	5 8	6	6 7
	-	5	70	8	- 0	
-	-		42	7.	-	
-,	0 3 1	2 7	28	_		, _
	0 3 1	1 6	23	-1	1	1 15
-	_	1 1	202	2	ĥ	2 8
		13	15		_	
-		1 5	31	3	3	1 2
			10	_		
_		3	68	1	1	1 3
		14	18		_	1.75
	_	3	6	-	-	
-	_	8	41	1	1	0 13
		1	47	4	3	2 2
1178	and a	2	11	2	2	1 16
-	_	11	82		- 0	5 13
-		1 .1	195	12	1 1	0 12
-		53	59 55	1	1	0.12
-	-	-	117	4	-	6 6
-	-	19	117	9		
=	=	13	55	1	1	0 6
1	0 3 1	+289	2,673	137	109	105 12

^{*}No proceedings were instituted in respect of any of these samples

490

HL—Statements giving particulars as to Samples of Botter,
Year 1909,
Acts in the

					Butter.							
Bonopen.				No. of Samples taken.	No. of Promon- tions.	No. of Convio- tions.	Penaltice imposed.					
Bolfast, Cloumel, Cork, Drogheda, Dublin,	:	:	:	267 59 137 26	22 1 10 2	22 1 10 2	£ s. d. 78 10 0 1 2 0 11 0 0 2 2 0					
Kilkenny, Limeriok, Londonderry,	i	1	:	148 19	-3	-3	97 0 0 0 15 0					
Sligo, Waterford, Wexford.	:	:	:	2 41 14	=	=	Ξ					
Total,		÷		882	46	46	180 9 0					
Total for ?	česz	1908		941	44	35	64 15 0					

HALF-YEAR ENDED SOTH JUNE, 1910.

					Butter.						
Вологии.				No. of Samples taken.	No. of Prosecu- tions.	No. of Convie- tions.	Penalties imposed.				
Belfast, Cloumel, Cark, Drogheda, Dubblin, Kilkeuny, Limerisk, Loudonderry, Sligo, Waterford, Wexford,				128 24 93 12 88 3 62 9 12 25	- 4 1 7 - 1	-4 1 7 -1	£ s. d 11 0 0 6 5 0 1 1 0 25 0 0				
Total,				486	18	18	44 6				

No proceedings were instituted in respect of any of these samples.
 Prosecutions were instituted in respect of 9 of these samples, 7 occavitions were obtained and penalties amounting to 18 fix were imposed.

485

MARGABINE, CHEESE AND MILK TAKEN BY INSPECTORS UNDER THE BOROUGHS.

YEAR 1909.

Margarino	Cheese.		М	ilk.	-
No. of Samples taken.	No. of Samples taken.	No. of Samples taken.	No. of Promon- tions.	No. of Convic- tions	Ponsities imposed.
. 55 4 - 18 - 7 4	5 1 8 7	694 102 332 166 1,181 80 401 63 40 78	34 2 27 37 3 42 1 14 5	24 2 25 3 42 1 13 5 —	S c d. 82 11 0 1 15 0 29 2 6 3 15 6 123 10 0 1 1 0 2 11 8 7 3 0 1 14 6
(*) 88	(*) 30	3,170	130	197	223 4 0
†112	24	3,322	170	153	322 5 0

HALV-YEAR ENDED SOTH JUNE, 1910.

Margarino	Chesse.	Mille.								
No. of Samples taken.	No. of Samples taken.	Samples Samples		No. of Convictions	Penalties imposed.					
41 - - - - - - 3 - - - - - - - - - - - -	4 4 - - - - - - - 3	375 54 209 56 555 19 227 28 26 40	20 2 26 	20 1 26 	f s. d. 16 10 0 2 2 2 0 24 11 0 36 10 0 1 1 0 1 4 6 2 19 0 6 17 0 1 13 6 1 7 6					
59	(*) 17	1,649	100	85	92 15 6					

‡ In these three cases presentions were instituted and convistors
obtained, positive amounting to £3 lbs. being imposed. No proceedings
were instituted in respect of any of the other samples of margarins.

IV.—Statement giving particulars as to Samples of Butter takin, under the Sale of the Food and Delog Acts, 1875 to 1899, by the Department's Officers during the Year 1909.

						Ber	TER.	
Bonore	SA	E Con	WEE	IN	No. of Samples taken.	No. of Promoru- tions.	No. of Convie- tions.	Penaltic imposed
1	Bon	owaz.						
Belfast,					1			E 4. d
Clorenel,					3	_		
Droghede	٠.	- 1	- 1	- 1	7			-
Dublin,					9	- 6	5	31 0
Kilkenny					15	1	1	1 10 0
Sligo,					8		1	1 10 0
Waterford	ì,				7			_
Wexford,			- 1		10	6 1	=	_ =
	Cot	war.						
Anteim,					30			ĺ
Armagh,				- 1	25		_	_
Carlow,					24		_	-
Cavao,		- 1	- 1		12	=	_ 2 4	_
Clare.		- 1			31	- 3	-	0 8 6
Corle,					85	4	2	
Down.					14	*1	4	2 15 1
Dublin.			- 1		25	3	3	-
Fermannel					20			6 18 0
	٠.				15	-	-	-
Kerry.				- 1	39	4	-4	
Kildare.		- 1	- 1		41	3		2 1 2
Kilkenny.				- 1	91	3	3	2 16 6
King's,			- 1		19	- 1	-	-
Leitrim.							Ξ	-
Limerick.					3	- 1	- (
Londonder					19	= 1		
Longford,	.7,				28	-	-	
Couth.					12	- 1	Ξ	Ξ
					7	- 1	- 1	_
					24	- 1	=	-
Nonaghan,					19	-		
				2.1	33			
descomme					59	2	2	1 13 6
моссонина Киро,	٠.			1	13	-	-	
erfic.					9	1	_	_
Opperacy of	N.I	i.),		- 1	22		- 1	_
apperacy,	(8.1	6.),			IS		Ξ	
yrona,				- 1	42	- 1		-
Vaterford,					24	- 1		
Vestmesth,					17	_		_
Vexford,				- 1	1.6	1	1	0 14 6
Vicicion,					34	- 1	- 1	0 44 0
Total				H	-		-	
					865	29	95	19 16 9

"Case withdrawn on payment of costs.

During the period one sample of margorine was taken in the County
Borough of Belfast. The margatine was not, it appeared, marked strettly in
secondance with the requirements, but it was not considered that proceedings
could unefully be instituted in the teas.

V.—STATEMENT GIVENG PARTICULARS AS TO SAMPLES OF BUITER AND MARGARISE TAKEN, UNDER THE SALE OF FOOD AND DATOS ACTS, 1875 TO 1899, SY THE DEPARTMENT'S OFFICERS BUSING THE HALF-YEAR KINDER THE 30TH JUNE, 1910.

		Bu	TYER.			MAI	CABTNE	-
Borough or County in which samples were obtained.	No. of Sam- ples taken.	No. of Prese- cα- tions.	No. of Con- vie- tions.	Penalties imposed.	No. of Sam- ples taken.	No. of Prose- gu- tions.	No. of Con- vic- tions.	Penalties imposed.
Bosovou.				£ s. d.				£ s. d.
Droghede,	4 4 4	1	1	Ē	1 -	1 -	1	3 0 0
COUNTY.								0 2
King's, Leitrim, Limerick,	12 20 3 33 13 17 13 8 1 10 21 7		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		1 :			0 11
Wicklow, . Total, .	495	_	-	8 18 1	1 4	3	3	3 14

VI.—Statement showing, as on the 30th Jure, 1910, the Number and Distribution of Premises recipiered for the Manufacture of, or Wholesale Dealings in, Margaring or Masgarine-Chres

Beneve					No. of Premises Registered for Whole-	No. of Premises Registers for the Manufacture of		
Болори	н о	N COU	STY.		sale Dealings in Margarine or Margarine- Choose,	Margarine.	Margarine- Choose.	
В	ono	more.						
Belfset, .					48	-		
Cloumei, .					2			
Cork,			- 1	- :	8	2	=	
Drogheda,.				- 1	1		= 1	
Dublin, .					39			
Limerick, .					3	- 2		
Londonderry,					2 1		-	
Sligo, ,					ĩ		_	
Waterford,			- :	1	4	= =	-	
Wexford, .					î	=		
0	HTM:							
Antrim.					- 5			
Armagh, .		- 1		- 1	î		1	
Down			- 1	- 1	î	= 1	100	
Dublin, .		- :			ā	=		
Fermanach.					i i		-	
Galway			- 1		i		****	
Kerry,					î			
King a					2		-	
Louth		- 1	- 1	- 1	7		-	
Tipperary (S.F.	4.4			- 1	1		-	
			1	- 11	i	- 1		
Wexford, .		- :		- 1		-	=	
Total.					129	-		
acount,					120	5	1	

VII.—Statement showing, as on 30th June, 1910, the Number and Distribution of Premises registered as Butter Factories.

Вомория	No. of Butter Factories Registered.							
Bonoman								
Belfast.								
Clonmol.	2					1		
Cork,						21		
Doblin.						1		
Limerick.						3		
Londonderr	ν.					k		
Waterford,						1		
Country:								
Armneh.						2		
Carren.						30		
Clare.						2		
Cork.						22		
Donegal.						1		
Fermanech						1		
Kerry,						23		
Leitrim.						3		
Lamerick.						1		
Londondern	v.					1		
Longford,						4		
Moneshen.						6		
Timerary	(N.F					1		
Tipperary	S.R	Æ.				4		
Tyrone,						ő		
Waterford,						5		
Wexford.	- 1	- 1				4		
11 (1110)						_		
	7	intal.				145		

BUTTER AND MARGARINE ACT, 1907.

List or Names which have been approved by the Department for use in connection with Mangarino, and in regard to which applications were received during the year coded the Spin June, 1910.

Coro-	Red Brist. Red Bose.
Dreadnought.	Royal Thistle.
Glow-	Silver Slaney.
Golden Flake. Golden Flower. Golden Stil.	Tit-Bits, Tiveli. Treut.
Noedee	Voc.Dec.

List of Amaltrees acting under the Sele of Food and Drugs Acts, 1875 to 1807, for the Boroughs and Counties in Ireland.

Local Authorities.			Name of Analyst.		
Councils or	Bonovo	m or			
Belfast,			T 35-1-23 W		
			J. Harold Totton, B.A., B.So., A.L.O.		
Corfe, ,			Bir C. A. Cameron, C.B., M.D. D. J. O'Mahony, F.C.S.		
			D. J. O'Mahony, P.C.S.		
			Sir C. A. Cameron, c.s., M.D.		
	- 1				
Londonderry			. Do., do.		
			Professor John Robinson Leebody, M.		
Shigo, .			Sin C. A. Char		
		1	Sir C. A. Cameron, c.B., M.D.		
Wexford, .			De., do.		
			Do., do.		
COUNTY COUN Autres, .			Robert F. Bisice, r.L.o., and J. F. W. Hodge		
Armegh, .					
Carlow,			J. Harold Totton, S. t., B.Sc., A.L.C.		
			Do., do.		
Donogal,			D. J. O'Mahony, r.c.s.		
Down,			Charles McMullan.		
Dublin,			Sir C. A. Cameron, c.s., M.D.		
Feemanagh,			Do., do.		
			Do , do.		
			Do., do.		
			D. J. O'Mshony, P.C.s.		
	1 1		Str C. A. Cameron, c.n., M.D.		
	1 1				
Leitrim, .			D. J. O'Mahony, r.c.s.		
			Sir C. A. Cameron, C.R., M.D.		
			Do., do.		
Longford,			J. Harold Totton, B.A., B.So., A.L.C. (temporary Charies McMullan,		
			Control Monthlian.		
Mayo.	1 1		Sir C. A. Cameron, c.n., N.D.		
Mayo, Keath,					
			Do., do.		
			Do., do.		
	A RAS				
Do., Soul	h Dill.	100	Do , do. Do., do.		
STORE.	- AMILI	100 .	Do., do. Robert F. Blake, F.L.c.		
			Sweet F. Disks, F.L.C.		
	1 1		Sir C. A. Cameron, C.B., M.D.		
			Do , do. Do., do.		
Vexford,			Do., do. Do., do.		

THE MERCHANDISE MARKS ACTS, 1887 AND 1909.

Regulations made by the Department of Agriculture and Technical Instruction for Ireland, with the concurrence of the Lord Chancellor of Ireland and of the Beard of Trade, pursuant to Section I. (1) of the Merchandise Marks (Ireland) Act, 1999, with regard to the Presscrition in Ireland of Officence sunder the Merchandise Marks Act, 1991.

1. The Department of Applentiums and Technoical Instructions for Irectands shall subject to the condition in the usuat (spiceting Regulations present), understate the presentation in Technoic of desices under the Merchandium Maries Act, 1887, in cases which appear to the Maries Act, 1887, in cases which appear to the Irith apprenticular and the Applentia Applentia and Applentia Ap

2. (i.) Every application to the Department to undertake a prosecution shall be accompanied by the following documents:—
(a) A statement showing the nature and circumstances of the case and sufficient to enable the Department to form an opinion whether the

case relates to Irish agricultural produce, or to the preduce of any other Irish rural industry, and affects the general interests of the country, or of a section of the community, or of a trade.

(A) A statement description the fasts which, if the Benariment under

(b) A statement showing the facts which, if the Department undertake the prescention, will be capable of proof, and setting out the proofs and mamus of witnesses available to prove such facts.

(ii.) The Department may require the above statements to be supplemented or additional oridence to be furnished.
3. If, on the evidence, the Department are of opinion that there is no reasonable peoppet of a conviction being obtained, the Department will

reasonable prospect of a conviction being occanion, the Department of not, unless they think fit, undertake the prosecution.

4. If the Department are of spinion that the prosecution would be better or more properly conducted otherwise than under these Regulations, the

Department will not undertake the prosecution.

5. The Department may, before undertaking a prosecution, require the applicant to give security for costs on such terms and in such sames as they think proper.

For the purpose of carrying these Regulations into effect, the Department may, from time to time, prescribe the use of such forms and give such directions as they may deem expedient.

T. P. GILL, Secretary of the Department of Agriculture

14th April, 1910.

I ceneur in these Regulations.

The Board of Trade concur in these Regulations.

H. LLEWELLYN SMITH.

MARKETS AND FAIRS (WEIGHING OF CATTLE) ACTS, 1887 AND 1891.

List showing the Fairs and Auction Marts in respect of which Exemption Orders were issued between the 1st July, 1909, and the 30th June, 1910.

Fair or Mart.	County or Berough,			
Archen, Pollt, Monoan & Sona' Mark, Addalono, eth. Ballishagin, Ballis	Lotah, Molya, Molya, Molya, Basteman, Clas. Clas. Clas. Aldan, Legidal, Aldan, Legidal, Aldan, Legidal, Aldan, Legidal, Molya, Legidal, Molya, Legidal, Molya, Legidal, Molya, Legidal, Molya, Legidal, L			

REPORT OF THE DIRECTOR OF THE

GEOLOGICAL SURVEY OF IRELAND

For the Year ending 31st March 1910.

TO THE SECRETARY, DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IREIAND.

Sm. I have the honour to submit the following Report on the work of the Geological Survey of Ireland for the year coding 31st March, 1910. thoughput Sawey of Iroland for the part enting flux March, 1000.

Mr. Howy J. Servene, B.A., F.E.S., was appointed in Octobes, 1000, Professor of Orderig in Deliverant the Sawey, The sterney was already by the transfer of Mr. W. W. Warren, P.A., P.C.S., from the Heady of Sawey, The sterney was already by the transfer of Mr. W. Warren, P.A., P.C.S., from the Heady of Sawey, The sterney was already so that the sterney was already to the transfer of Mr. W. W. Warren, P.A., P.C. Sawer, P.C. Sawey, T. S. Sawey, T. Sawey, T. S. Sawey, T. Sa

The following memoirs were published during the year, and were accompanied by colour-printed maps issued within their covers -

¹¹ On Bock specimens dredged from the floor of the Atlantic, and their bearing on subsparine geology. By G. A. J. Cute and T. Croek. "The Geological Features and Soils of the Agricultural Station at Ballyhaise, Co. Cavan." By J. R. Kitroe, H. J. Seymour, and T.

The work in the field was rasinly concerned with the mapping on the six-inch scale of a sumber of areas which had been hitherts dealt with only on the small scale of one inch to the mile. These areas include impor-tant parts of the counties of Donegal and Londenderry. Various questions of stratigraphy and rock-structure have been considered during this detailed work, including the question of the possibility of an overlap of the Upper Basaltic series of northern Ireland over the Lower Basalts northwest of Lough Neigh. A surrey of the superficial deposits of Clare Ireland was carried out, and

A survey or the supermona copposes or coars measure was current out, and the apportunity was taken for a reconsideration of the rocks and geological ear opportunity was seen for a recommendation of the reas and goospied structure of the island. Unfortunately, despite cargini research, us insuli-ferous beds could be drovered other than those contaming plant-remains of Lower Carboniferous age. The soils of the island were sampled for examination in the laboratory. The investigation of the soils of the Agricultural Station of the Depart-

ment at Clenakilty, Co. Cook, was continued.

Mr. W. D. Hasen, A.R.C.S.C.I., was employed throughout the greater part of the year as temporary Professional Assistant for the determination of the characters of soils, and for chemical work in the Survey Laboratory. or the characters of sons, one cor chemical both in the districts in proceeding, in consuitation with the County Agricultural Instructors, who have expesience of problems that arise in pasetice in connection with the solic of special areas. At the request of the Commissioners, evidence was given on belief of the Survey before the Royal Commission on Const Freeton.

Among the ammerous inquirier that were answered during the year, and the same of the same

The following scientific papers were contributed during the year :-

G. A. J. Core :—"A late Glacial Clay at Templeogne, Co. Dufitm."

Prob. Naturalest, 1909, p. 232.

"The Picture-Rock of Scribed Rock near Rathmullan, in the County of Donegal." Proc. R. Irish Acad., Vol. XXXVIII., Sect. B; p. 113.

Your obedient Servant,

GRENVILLE A. J. Colle, Director,

REPORT OF THE DIRECTOR

NATIONAL MUSEUM OF SCIENCE AND ART

TOB THE YEAR 1909-10.

SAR 1909-

To the Sechetary of the Department of Agriculture and Tronsical Instruction for Island.

8m,—I have the honour to submit the following Report for the twelve months from 1st April, 1969, to 3 ss March, 1910 —

In practicity my Assemble Hopper I, fossies to say that the Memorem is sending deviating in surfaces. The number of orderest analoge constants use of the Manness has very considerably lead of a low and Tabenders. In the Hischmer shape, the same of the proper shape of the lead of the same of the same of the same, the ancester of supplient administrate them to mer than dealed. The same of the same and the same of the Manness shape of the same of the same of the same and the same of the Manness shape of the same of the same of the same and the same of the Manness shape of the same of the same of the same and the same of the Manness shape of the same of the same way of the Salicel.

Of some yakes men is the contraction of the greater of the same of the sam

powers for accounts a line reconstruction of the final power for the Moreovant to the Indiagn Signific transcent or the very final power for the first the Moreovant for the M

have added a set of diagrams for the use of testigness and on our of minuse, with the Eighteen cases have been sent to Philiphane Abo and of agridual resources for the control of the con

T. H. Longinkh, F.S.A., which was purchased for the Masseum. This is perhaps the most valuable addition made to the Masseum collections for many years. We have also purchosed an inferenting Irish Challes. A considerable addition of notable specimens has been made to the Ethnographical Collections, and we have also acquired some internating insected jewysh.

nove also acquires used microssing institutes provided in the exhibition of the exhibition. It has been found discould be trailed a new classification of the exhibition the Natural History Division, Zeological Section, and this and the Geological and Mineralogical collections are now brought into closer relation, and are thereby made more serviceable to the weeking student.

In the Irith Antiquities Divisites a number of objects, for which proper prevision could not be made otherwise, here been placed in the west crypt. These limiteds such important exhibits on the great canons, and a legan marker of Ogham inserticed atoms. This new gallery is in with presented glass and electric light, and motion a whealble admitting to the spaces in the bilineau. — in the gallery adjoining the Royal Irish Academy collection, reveral planter casts of Irish crosses and of architectural detail are now placed. On the 15th January, I received notice from the Executors of the late Patrick

Murphy, of Newry, of a bequest of £5,000 to the Museum. I have now established an understanding with several Museums regarding the exchange system—the Gavernor-General of the Australian Dominion, Lord museums, and we have relations with the museum at Porth. The Governor-General of New Zealand, Lord Plunket, has also done his best to encourage on

During my visit to London I obtained some valuable loans for the Museum; I also took part in the foundation of the India Society, established partly for the

purpose of bringing to Europe examples of the distinctively native arts of India. Various local museums are being opened in Irith provincial towns, and the Museum has already sent serviceable exhibits to the Museums of Belfast, Cork and Derry.

The introduction of prismatic glass lighting of the Museum has been of such service that it is desirable that it should be further extended. The electric light is still impatisfactory because, even where greatly diffused,

it remains insufficient for the student who can only work in the evenings. The overcrowding of the Museum space is at present so great that many objects cannot be fairly studied in any light, and I would wore the importance

of the creation of the proposed new wing of the Mussern.

I append the reports from the heads of the various sections, as well as the returns of attendance, and hets of arquisitions and learns.

> G. N. COUNT PRUNKETT. Director.

APPENDIX L

RETURN SHOWING NUMBERS OF VISITORS TO THE NATIONAL MUSEUM OF SCHENCE AND ARE.

Mon	ths.		Totals.	Work-days. 1900–1910.		Sundays.	Totals.
			1908-1909.	Mornings.	Evenings.	19	1909-1910
April, .		-	25,994	19,198	778	2,781	23,760
May, .			25,146	19.748	758	2,950	23,456
June, .			27,312	21,074	634	2,403	24,116
July, .			28,246	23,235	691	2,910	26,746
August,			\$4,374	28,517	810	3,769	33,126
September,			29,579	23,265	583	3,034	26,883
October,			24,541	18,084	447	3,617	22,148
November,			19,476	17,820	477	2,970	21,267
December,			21,384	16,595	532	2,474	19,511
January,			20,786	18,126	391	2,342	20,859
February,			19,010	14,093	329	2,429	16,851
March, .			21,332	18,638	450	3,114	21,602
			297,180	237,704	6,790	34,831	279,325

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APPENDIX IL

REPORT OF THE KEEPER OF THE DELSE ANTIQUITIES DIVISION

During the year 160 objects have been regatized of these II were deposited by the Royal Irish Academy and included two interesting mideral worders, making found near Research and the Irish and Irish Alical Ir. Pitty-eight objects were skilled to the collection by direct purchase, and infroded owns became and stone objects and three spirally whoch, perchased from Irish IV. W. Porrell. Some casts of satisputies, mosailed by the Nixoum said, were also added to the collection.

The measurement of the Gyps has been proceeded with, and all the easees and most of the Ophan imirried stones have been moved down into it form in the Gallery, and the large seasoe from Co. Mayo has been brought in and it more available for their. The license prior and querms from Born III, how also been brought down to the Gyps, and a large collection of early considerable been asked to the Gyps, and a large collection of early considerable to the season of the Gyps, and a large collection of early considerable to the season of the Gyps, and a large collection of early considerable to the season of the Gyps. Carties of Cornado's Chapit, the doeseway and Crass of Dypert O'Des, and the Siltine from Inference Abeyl low here ask up on the Gallery, and in the walls

cases a number of interesting ethanographical objects have been displayed.

M: Amortocap had the privilege of viosing Generary during the year to study
the mossessum, and aspecially the methods of conserving antiquities. This
important beams of summours were its made an expendit adopt in Generary, where a
preparation recoin and conservator are attached to all the large Antiquation
Mossessum. Most work of this found has to be attempted by hall accessore in my

division, owing to the want of a laboratory and preparation room.

A number of olay urns have been repaired during the year and made ready for exhibition, and osets of a valuable set of moulds, for casting bronze spear hands of the preparation of Mr. Salliyan, have been obtained

for the Museum.

The Guide to the Celtic Christian Antiopsition was published in October and was must favourably reserved in Germany. France and the United States. The first edition has now been exhausted, and I am preparing a second with some addition.

ions. (Signed). Geomes Copyriv.

APPENDIX III.

REPORT OF THE KEEPER OF THE ARE AND INDUSTRIAL DIVISION.

The work of arrangement and re-arrangement of the objects in the various rections in this Division of the Messum has gone on steadily design the pastyper, as the detailed attenuant below shows, and some errear, due to the inside-

Query of the staff in past years, have been worked off.
On the 15th of April, 1909, Mr. G. B. Stanten, appointed after competitive

continuation, remarked deep and judging by the efficiency be has shown deeps the past twelve months, be will prove a very vashable shiftines to the staff.
TEXTELENS.—Mr. Toppin were to Regional in Sawsh. 1100, and visited the defecting more continuation of the staff of the staf

In November, Mr. Westropp visited Cerk to make some inquiries in connection with the glass undustry there in the eighteenth and early minoteenth conturies.

ted image digitised by the University of Southempton Library Digitisation Unit

Mr. McGoogun visited the Victoria and Albert Museum, the British Museum, and the Wallace Collection, in July, 1909.

In September, 1909, I visited the following cities :--Brugen.--Liedto Lace Collection in the Museum.

Brissels-Musée do Pare do Conquantemere

Perkin.—Kusstgewerbs Museum, Post Office Museum, Ethnegraphical Museum, Kaiser Friedrich Museum, The Old Museum, The New Museum, the Gennan Costome Museum.

German Cestume Museum.
Londen.—The Vetoris and Albert Museum.
In April. 1910, I went to Londen and secured a valuable Irish solver chalice

of Christie's, and visited the Victoria and Albert Museum, the Guildhall Museum, scal the Seans Museum, GREEK AND ROKAN COLLECTIONS.—No additions of importance have been made to these collections.

ECYPTIAN AND AMYMIAN COLLECTROSS,—It is noped that more attention will be given to this and the Greek and Reman Collections during the coming year. The interesting case of portion of the great stateness of Attacurrace Octons, Persepols, has been replaced on the main staircase wall, from which it was removed seince years, and

ETIMOGRAPHICAS, COLLECTIONS —A number of valuable specimens, brought to Debbin from New Zeaking debut ferry years aps, have been sequired, also some factoristing objects from Africa, Sarawak, and the Marqueaus Libank. Dr. Conviori gave a number of figures used in the puppet plays in Java, also of great interest.

The light in this rows has been incommonly improved by the insertion of the new presumeter glass in the venders. It is hepoth that the eccentration of continuous using along the east well, to replace the present distarded cases, which are very wrateful of valuable spaces, will be commoned this year. Some half-decomaditional standards have been fitted to the tops of the large free-standing cases to take spoors and previous which have believe had to be exhibited inside

have Envisormental the view of objects arranged on the septeme.

Insue Envisormental Committees.—A few additions have been made.

ISOLIN AND PRISTAN COMMITTEES.—We additions to re-arrangements have been made.

Musica, Iswiniumira—A few additions of interest have been made, vianisher by Glüne, Dobbia, dated 179; a byings other, a diplo-dillars, by Light, of London; an English harp-lute, an endy distince, and as Ædlish help. This olderdon was imported in the summer by the Rev. F. W. Gallish help. The olderdon was imported in the summer by the Rev. F. W. Gallish help. The summer by the sum of the Rev. F. W. Gallish help. a photograph of the diplo-billars, we can must uncreated in it, and obtained a photograph of the diplo-billars, we want uncreated in the summer of the diplo-billars, we would be sufficient from a several of

Penyrem.—A and Bode ombet is the principal oblidies to the Perusan To subserv the congruins have it is prepared to and smoot of the canagin at Sughah formative in low to the previousal measurem. A very interacting example for the property of the time seems in London's final, Lendon, see many for some years for ward of upon. Into lens placed in a position where it may be well seen over the manufaptor than been placed in a position where it may be well seen over the manufaptor of a position of the standard position, the first proposition of of a position of the standard plant without the property of the proposition of the property of the proposition is not not reall with a seasofter spectra to that in not possible or proposition.

BAGOGUERAL—Since twenty forms of highesters have been assigned, Justians, avery good reproduction of the celebrated Allicei (sevie) in the Administra Massimo, Oxford, silver and enamed small flowers, silver badge of the Philipstronic Sciency, 1875, being with ministrance of change. It and severed interesting pieces of personal ministrance of change. It and severed interesting pieces of personal ministrance of change. It and severed interesting pieces of personal control of the option option of the option option of

Comes and Memaria.—The coin collection has received a good deal of attention this year: 286 coins have been added, most of which belong to the English section, and we have been able to cluminate a number of poor spectmens and replace them by others in excellent condition. Two places of Pahang tin money of analyst form have been conjuried.

Nearly two dozen items have been added to the medials, mostly of firth interest. They include a gold medial of the Pinnishly Betches of St. Petrois, a after medial Pinnish and a surface of the pinnish state of St. Petrois, a after medial Controller—Sevent Items of 18th centure; with costume have been couplined, as well as some examples of military control of frish interest, including believed, chapped, saider, but plates, &c. With those love been exhibited on a large

hinch Volunteers, given by Mr. R. Bruce Armstrong.

Ann AN AMERICA.—The re-tresponal of the collection continue, several principle scows with preside being been good been to be all Empoyen small sens.

and partial scows the principle scows the principle scows and partial principle scows the principle scows the principle scows and partial plaque of Thomas Davies, a deprivability, like outerly President, and to be collected as possible above the principle scows of a seasons, to the principle scows the principle scows that the principle scows that the principle scows the principle scows that the principle scows that the principle scows that the principle scows that the principle scows the scows that the principle scows that the principle scows the scows that the principle scows the principle scows that the principle scows the principle scows that the principle sco

Two very beautiful buss in white marble, Mars and Minneya, the work of Canzon, lent by Mr. D. J. Lawrence, have been placed in a large opeight case in the middle of the reom.

JAPANESE COLLECTION.—A very fine sent of armour his been sequired, also a number of interacting intesukes in narved ivory, bone, and wood. Two very beautiful specimens of modern lacquer work have been lent by Gen. Sir Thomas

Kelly-Keuny, G.C.B. POTTERY, PORCELAIN AND GLASS.—The important collection of pottery, porcelain and gloss lent by the relatives of the late Mr. T. H. Longfield two years of cases olong the middle of the pottery room. The work of registering this collection, which consists of close on a thousand specimens, is being done by Mr. Toppin. A groat deal of search in the literature of ceramies is necessary for the identification and accurate description of very many of the pieces, and a good number of these have been found to be of much greater interest than was supposed when the collection was acquired. Some of the objects are almost, if not quite, unique, and of great value. A pair of porrelain rougs of early Liverpool transfer printed were was sold at Christie's in February last for \$42; there is a specifier pair in the Longfield collection. A pair of Bow percelain sphinxes in the collection has been valued by several commissence at £100. The Chinese porcelain is no less interesting than the European, and the acquisition of the collection has added enormously to the importance of the ceramic collection in the Dublin Museum. The duplicates and less valuable pieces will be useful for circulation or as leans to the provincial museums.

circulation or as teams to the previousis influents.

Other addition include a small outlection of modern Wedgwood ware of the best quality, a plate marked Donorwan, Debbin, a pin two yet Werccoter percelain painted with a view of Donorwan, Debbin, as in eight seath to estury majolice from a view of Donorwan view, as eight seath to estury majolice fine, formerchy used as a Dublin sleep sign, Wedgwood brasis of Moore and Shekrmenn, and two easily Morrostor fruits backets.

spears, and two early recommended of Irish glass, and nearly as many English, chiefly Bristol, have been acquired. Hiss Longfield has lent a valuable collection of Irish and English, chiefly Bristol, have been acquired.

OLIMINA ROB DEQUAL SPACE.
CHINESE, BETANDER LND CONGLUENC COLLECTIONS.—Several rish examples of embroidery (including osetume) have been acquired and displayed. A very interesting collection of coloured stay figures, given many years ago by A. E. Bidnot, but temporarily placed in store seam time ogo, have been again.

arranged in a free standing case. They give in miniature an excellent idea of the physical characteristics and occurse of the Chinese people. A few examples of Burness set, including a gilt languaged shrine, a book

cheet, and an interesting bream dram-shaped gong from the Karen bille, have been added.

Two fine pieces of wood carring and six coremental masks from Ceylon, which were on loss for some years, have been perchased.
ENROPORTHER AND TEXTRES.—A righty-embreddered chamble with panels

exhimatorials and Textural—A melly-embeddered chandle with puzzle scattering received protess of same, and the arms of Fit della Perte deltacet and the most important addition. A valuable 11th convey Italian obsends to the puzzle of the control of the control of the control of the control textural puzzle. The control interest was the puzzle of the puzzle of the textural puzzle. The control interest was the puzzle of the puzzle of the cubilities in one of the wall-scot, has been such as the puzzle of spinite one of the planter in Room LX. G. Six delicional frames are large against one of have been placed on the north wall, and two mail draw-on solution to half illustrations of embeddery and how how been sided. The Dan Kore Gellin.

injustry, and the large oriented photographs of aspectram have been home in the America.

Lace.—Seeme forty ageometra of meedle-made and bobble-made have been been been second for this collection, Indian, Francia, and Hermith. A very interesting all burnous of old Lamedok tambeur lace, white silk on a black ground, has been acquared form and is exhibited in the containe one-flow.

Mr. Poulses Townsend, in his report to the Royal Dublis Society on the needlework and un for the Art Industries Exhibition of 1969, referred to the white embreidery in the Museum as being of great excellence and worthy of being studied by our workers.

A valuable collection of lace photographs has been presented by the Metropolities Museum, New York, at the instance of Mr. John H. Buck of that Museum.

"Museum Work.—A pair of handsome brase hearth ornaments. Proof. 18th

—"MEMAL WORK.—A pair of handsome brase hearth ornaments, French, 18th century, have been secured.

To the power collection have been added an interesting old Irish shaller.

and a cot of oil stocks. About half-a-decom interesting examples of Sheffield plated ware have been purchased. The eilbre collection has been materially augmented, and the additions include some very interesting items, viz., four Irish chalices of the 17th and 18th centuries,

some very interesting items, vis., four Irnis challers of the I'lli and 18th centuries, a freedom but proceeded to Goo. Gub by the Cooperation of Cooks in 1750, and a light standing upon and overs, presented to Lambert Brakwon by the Lunn in 18th control of the Irnis of Irnis

DOUGRINDSHIFT.—A critique of specimene of 18th century Dublic work, and a very beautidul example of suodem French bunding dyr Thinve, of Percis Junes been addred. Eithilited with these are two autograph alterns of Sir Charles (Resulte, the observated manaclagus), ear of which was purchased, the other presented by the Masse Husten.

Examinate—Opp. Gordon Hitchinson lent minety epecimens of Butternes and

2.8. ALBERT — Copie Control Historiasson front minorly operations of Butterness and Bilisten Emmands, and Mr. W. R. Moss two pieces of modern work by Mrs. Traquals PHILOSOPHICAL INSTRUCTIONS—This small but interesting collection has been semoved from the Central Copie to the Almers. Sever addition have been made, nortably a very outron and well made universal similar by Lynch, of Dabbin, rady 19th century.

INDOMESTAL OUR LECTURE AND THE PROPERTY MANY MARKET AND THE ADMINISTRATION OF THE ADMINI

PROTOGRAPHS OF SELVER PRAYE.—This year we have been indebted to Mesars.

John Smyth and Sons for allowing us to photograph several very interesting peops of after-pinte.

ARCHITECTURAL PROTOGRAPHS, .-- Mr. T. J. Westropp has lent us a large number of his negatives of Irish architectural remains, and from these photographic enlargements have been made for this collection. POSTAGE STAMP COLLECTION.-Mr. Lone Joynt has kindly continued his services gratuiteusly in arrenging this collection. Mr. Stanton has spent part of each day for the greater part of the year in registering the collection, which numbers close on nineteen thousand specimens. It is now the most important public collection in Europe, hardly excepting those in the British Museum, London, and the Post Office Museum, Berlin, and it differs from the former in that it is being kept up-to-date by having new issues from all parts of the

MUZEUM LIBRARY.—About one hundred and forty volumes have been added to the reference library.

LOANS TO METROPOLITAN SCHOOL OF ARE.—The following is a summary of the objects lent for study by the Students this year :--EMPROPRIES AND TRAVELES :

Three frames of Alchmim Embredderica. Five specimens of Spanish, &c., Ecclesiastical Embroideries-One specimen of Chinese Embroidery.

Frame (four specimens) Reticella Lace. WATER-COLOUR PAINUINGS:

Nine frames. FURNITURE AND WOODCARVING:

Twelve specimens, various. POTTERN

world incorporated in it.

Twelve examples. MISCRILLANGOUS: Twenty photographs of art objects.

Wrought Ironwork, two examples. Bronze Vese, &c., &c. About ninety items in all.

CIRCULATION COLERCTIONS.-There were 589 issues this year. There are now 318 frames available—84 new ones having been prepared, these including 18 agricultural cases sent to Ballyhaise and 17 to Clemakilty. The lists of (a) Chief Arquisttions by Purchaso; (b) Gifts; and (c) Losus, are

appended. J. J. BUCKETT.

(a.) CHIEF ADDITIONS BY PURCHASE.

Ethnographical Collections (Room III., G.F.). Collection of Mnori Objects-54 specimens. Set of Tools for working gutta-percha from Sarawalc.

Scentre, Maronesa-Municel Instruments (Room VII., G.F.). Cither, by Gibson, Duhlin. Bijuga Cither, English. Diplo-Kithara, by Light, Lendon Glass Dulcimer, Longman, London.

Æclisa Harp. Harp Lute Forgiture (Booms VIII., IX. and X., G.F.). Bonle Casket, French, 18th century. Rush-light Holder. Irish.

Costume (Central Court). Chamble with cost of arms of Sir John Porte, and dated 1557. Two Chambles, Italian, 18th century.

Lare Mantle, white silk on black not. French, early 19th century. Soveral portions of German Peacent Cortume Several Irish Volunteer and other military Helmets and Chaeco. Several Portions of Civil Contume of the 18th and early 19th century.

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Bijouterie (Central Court).

Reproduction of the Alfred Jewel.

Collection of engraved scale (66).

Claddogh ring.

Four senuff boxes, shell, here, enamel, dec.

Coins, Medsle, &c. (Central Court).

Two pieces of Pahang tin meney.

Ecu d'or Louis XII. (about 1500) Thirty Roman Imperial coine.

Collection of Rugicis, Irish, and Scottish silver coins (130), English gold (5), and English, Irish and foreign, bronze (70). Ten Irish Bank tolons, after.

Copper Token of Maculla, Dublie, 1729, Eighteen pieces of "Gun messy." Mcdal, gold, Friendly Brothers of St. Patrick.

Medal, gibt, Coronation of Queen Vistoria. Medal, silver, Belief of Lendonderry, 1689. Medal, silver, Duke of Ormeads, 1882.

Medal, silver, Charles I. and Henrietta Maria, 1625. Medal, silver, York Club, Dublin, 1824. Medal, silver, Doan Swift.

Medal, silver, Doan Swift. Medal, silver, Irish Bifle Association.

Medal, silver, Paris Exhibition, 1878. Medal, silver, Royal Agricultural Society, Ireland, 1884.

Medal, bronze, Pope Leo XII. Medal, bronze, Pope Gregory XVI. Medal, bronze, Cerdinal Richelleu.

Medal, bronze, Henri II. of France. Medal, bronze, Louis XIV.

Medal, bronze, Battle of Marenge. Medal, bronze, Bétablissement du Culte. Medal, bronze, Commune, 1792.

Medal, bronze, Roumeau.
Medal, bronze, Franco-British Exhibition, 1908.
Medal, brass, Loss of Minorea, 1756.

Ivories, &c. (Room VI., First Ploce).

Leaf of Diptych, French, 14th century.

Crucifix, curved bone, probably Irish, 17th century.

Ivory Cumos pertrait of Themas Davis.
Ivory Hoad of the Infant Curist, German, 16th century.
Trinket Box, with geno reliefs, Itslian, 17th century.
Japan (Room VII., First Floor).

Sali of Japanese Armoue.

Pottery, Porcelain, and Glass (Room VIII., First Floor).

Pottery Lion, fermenty used as a sign for a Dublin Delph and Glass

Warehouse.

Bowl, Staffordshire, early 18th century. Tiles (2) Liverpool transfer printed, 18th century. Piste marked "Denovan, Dublin."

Wedgwood ware, seven piecea.
Porcelain Pen teny, Worcester, with view of Drumcondra Bridge, Dublin.

Fruit Baskets, Worcester, 18th century.
Group "The Poscher," Derby.
Butter-cooler and condic oup, with M'Gregor crost, Chinese.
Cop and Smoot, "Jesuit "purcelain.

Glass Candelabrum, Irith.

Saled Bowl, Irish.

Celery Glass, Irish.

, Gobbet, Irish.

" Sugar Bowls (2), Irish.

Glass Butter Dish, Irisb. , Jugs (2), Irisb

, Jugs (2), Irisb , Teddy Glass, Irish

December and Tumbler by Pugb, Dublin. Sweetment Stand, English, 18th century. Goblet, English, 18th century.

Winegiass, English, 18th century.

Bottles (3), English, 18th century.

Sugar Bewi and Ewer, English, Bristol.

Sailor's Love-telten, Bristol.

Chins, Burms, and Ceylon (Room IX., First Floor).

Chinow Robe, embreidered gause.

Lady's Costume.

Trinlet Bex, carved ivery.

Burmese Shrine.
Book chest.
Panel.

Cingolese Masks (6).
Wood Carving (2 piness)

Embreidery, Textiles, &c. (Boom X., First Floor).

Panel of Embreidery, English, 17th century.

Four Samplers, early 19th century.

Lace (Main Gallory).

Alter Gath, drawn and embreidered lines, 18th century.

Alter Carth, drawn and embreidered linen, 18th century Chalice Caver, needlepsint, 18th century. Cap Crown, point d'Alencon.

Bridal Vells (3), Brossels. Crochet Coller, Irish, 1840-50. Baby Caps, Ince insertions, 18th century.

Miliance Lace Cape.
Bookbindings (Hain Gallery).
Crimon pigskin, modern French (Thivet).
Red Merocco, Dublin, late 18th contury.

Red calf, Dublin, late 18th century.

Metalwork (Main Gellory).

Pair of brass baseth armaments, French, early 19th century.

Pair of brass hearth armaments, French, early 1968 to Powter chalice and oil stocks. Sheffield Plated Ware (Resunds Gallery).

Macaroni dish. Gobleta. Soup ladle.

Consters.

Silver (Betunda Gellery).

Paten, Dublin, 1807.

Saurepan, Dublin, 1717.
Salver, Dublin, 1773.
Pair of tankurch, Dublin, 1708.
Spoon, Dublin, 1783.
Sauffers trey, Dublin, 1780.

Soup India, Cork, 1780.
Chalice and petro, Lirzerick, 1718.
Chalice, Irish, late 17th century.
Maunted coccanut, Irish, late 18th century.

Mounted coccanut, Irish, late 18th centur Chalice, Irish, 17th century. Chalice, Irish, late 18th century.

Cuance, 1713h, 1870 1874 certary.

Cup and cover presented to Lambert Brobasco, by the Dublin Linen

Merchants in 1779.

Freedom box, presented to Geo, Ogio by the Corporation of Cocke.

Freedom box, presented to Geo. Ogie by the Corpora Challee and paten, Lendon, 1760. Cruet, London, 1776.

Cruet, London, 1776. Pair of candlesticks, London, 1768. Cary, Capt. Clarence :

Helmet, Queen's County Riffes. Cary, Capt. Geo. S.: Busby, Welsh Furthers.

Three epsolettes, and belt plate. D'Arcy, James F., Esq., D.L.:

Collection of aliver plate (nine pieces).

Dillon, J., Esq. :

Groat of Charles L.

Dillon, Gerald A. J., Esq. : Silver medal of Pope Leo XIII.

Dillon, T. A., Esq : Half-grown of Charles L. Drx. E. R. McClintock, Esq. :

Dix, E. R. McClintock, Esq. : Cheet of the Corporation of Hosiers and Knitteen, Dublin, 1683.

Downall, J. C., Req. :

Book :—Essays on the Microscope, by Adams, London, 1787.

Dowling, J., Esq., and Sheerin, J., Esq.: Model of staircase. Fishbourse, Miss Mary:

Shuffield plated asparagus tongs.

Garner, Mice: Four Chinese mugs and Japanese teapot.

Green, Mrs. J. R. : Old damask table cloth.

Green, Charles, Esq. : Two pieces of modern Danish porcelain

Hawkes, Mosers., & Co. : Collection of belimets and chaoss (9), 18th and 19th century.

Heasiker-Heaton, Hen. Mrs. J.: High Sheriff's saddle cloth, Irish, 18th century.

Henning, C. L., Esq. : Silver tankard

Howard, Hon. Hugh.

More and door plate of the Alderman of Skinners' Alley.

Hutchinson, Capt. Gordon:
Collection of Batternes and Bilston enamels (90).
Hutchinson, Mrs. Gordon:

Hotehinson, Mrs. Gordon:
Two Persion ensurelled pottery plaques.

Jerome, Lucien J., Beq: Linen altar eleth. Jones, Rev. H. Arabin:

Three military costs, and two pairs of spoulattes. Book :--Treatise of Artillery, by Muller, London, 1768. Kelly-Kenny, General Sir Thomas, G.C.B.:

Leavence, D. J., Esq.:

Two marble bonts by Canova.

Massy-Dowson, Mrs. Julia Effiza: Astroiabe clock, Clock with Boule decoration.

Many-Dawson, F. E., Executors of: Gold haircomb

Moss, Wm. R., Beq. : Two pieces of modern enames, by Mrs. Traquair. Mulhall, J., Eeq. :

Collection (87 pieces) of old silver plate.

Muriel, Mrs.:

Collection (58 specimens) of Burmese and Soudanese objects.

Picalert, Counters:

Figure harp.

Royal Allert Facint Club:

Boott, Mar. Fiforcop K. 1

Model of Boor wagon.

Westropp, M. S. D., Eq. 1

Volunteer oats.

(c) Lear or Donarcons.

Armstrong, R. B., Esq.:

Court Sword, English, early 19th century.

Pistol, Spanish (3), late 17th contary. Regimentel Colour, finial, breast plate, sash and cartridge box plate.

Ballynahinch Volunteers, 1779. Bate, E. R., Esq. :

Sate, E. R., Raq. :

£5 British stamp and three Chinese stamps.

fő British stamp o Bellingham, T. B., Esq. :

Bellingham, T. B., Req.: Half Farthing, 1844; sed One-third Farthing, 1902. Benson, J. W., Eq.:

Flageolet, by Astrick, Lendon, early 19th century. Blake, Sir Henry:

Slake, Sir Henry: Collection of homorangs, Australia.

Board of Education :

Two Bronze medals by W. Wyen, 1852-6. British Museum, Trustees of the :

Modallio Illustrations of the History of Great Britsin and Ireland. Plates Cl. to CX. Brooklebank, Ralph, Beq. :

Book :--Pictures and engravings at Haughten Hall, Tarporley. Carnegie Hero Trust Fund, per Wm. George, Esq. :

Two copies bronze medal, as awarded for bravery. Carsellis, Capt. M. H.:

Two penner and one tenth of punny, Nigeria-

Chute, C. G. F., Esq. : Irish Volunteer Jacket.

Cooke, J., Esq., M.A.: Photograph of Macri Chief.

Crawford, H. S., Esq., B.E.:
Collection of puppers used in Burmese sucred drames.
Two Jupanese tooth brushes.

Day, R., Esq., F.S.A. : Glass dozanter, "Waterioo, Co. Coric," early 19th century.

Dobhyn, R., Esq. :
Two Roman pottery lamps.
Dowdelli, T. J., Esq. :

Lucernal Microscope, by Adams; English, c. 1780. Egypt Exploration Fund:

Egypt Exploration Fund:
Gellection of antiquities from Abydon and El Mabazus, Egypt.
Egyptian Research Associate:

Book :-- Memphis, Vol. L. Elliott, T. J. S., Esq. :

Three tokens, Irish, early 19th century.

Everth, Miss:

Bword, stick and hands of the Rev. Charles Wolfe.

FiteSimons, J., Esq.: Cartouche box, Argyle Highlanders, 1839.

Flood, W. H. Grattan, Esq., Mus. D. : Pamphlet:—Duhlin Harpstohord Makers of the 18th century. Hoban, M., Esq.: Watson's Irish Aksansok, 1758. Holmes, S. A. M., Esq.: Medal; Wellington and Bincher.

Hutton, the Missen: Autograph Album of Sir Charles Gievisko

Jones, Francis J., Esq. : Plaited rushweek, Samea. Band of pinited strew, New Zealand.

Kemp, Mrs. :
Zala small box, necklet, bracelet, and spoon.
King, Rev. R. G. J., B.A.:

Longfield, Mina:
Earthcowere flower holder.

Longield, W. D., Dep. Insp. Gen.: Chinese blue and white percelsin vessel. Loon, B. N., Ben., M.D.:

Satin play bill, Theatre Royal, Dublin, 1842. Meldon, Geo Pugin, Esq., M.D.:

Ivory hom, sheld, bow, arrows and two head dresses, from Central-Africa. Meldon, Major:

Entongoli, fibre dish, shield, javelin, &c. from Uganda Metropolitan Museum, New York; per J. H. Batk, Rag. :

Collection of photographs of lace (117.) Minchin, J. H., Esq. :

Tebacco pipe, West Coast of Africa.

Molloy, Hrs.:
Roman copper coins (3); Half-grown and Halfperny, James II.

Montgomery, Mrs. E. S.: Five pieces of lice, early 19th century.

Pennsylvania Museum, Philadolphia; Six Art Handbooks. Quarterly Bulletina.

Radford, Symmer, Esq. : Token; Secession of Hanever, 1837.

Redsinger, Esq.:

Book:—Exhibition of Contemporary German Art.

Rhodesia, Government of 1

Set of current postage stemps.

Rogers, Rev. Louis;

Ten permy note, York County Bank, 1811.

Five penny note, "Bank in England," 1811.

Five penny note, "Bank in England," 1811.

Roth, Becnard, Ecq.:

Four pamphlets on Ansient British gold coins.

Four pamphlois on Ancient British gold coins. Smalsir, Thomas, Bog. : Print:—Lisburn and Lambag Volunteers, 1782. Southern Nigords, Government of : Set of current postage stamms.

Stedman, M., Esq. :
Bicycle, early type.
Thompson, B., Esq. :

Mulready envelope caricature Trevolyan, Major H. :

Photographs of Station Island, Lough Dorg. Webb, Lt. Col. E. A. H.: Five ball cops for chacco

Wedgwood, Messre. Josish & Sons: Catologue of the Wedgwood Museum

Westropp, M. S. D., Esq. : Fragments of glass from hite of Waterloo Ghan Works, Cork.

Medal, Irish Surplus Reverne, 1758.
Collection of coins (8.)

Book; with bookplate by Dawson, Dublin, 18th century.
Westropp, Mrs. Duffey:

Westropp, Mrs. Dudley:

[5] Lady's silk bodies and gentleman's shirt, Irish, early 19th cantury.

Wyme, Mrs. A. A.:

Pie e of lice, Limerick (?), 19th century.

Part of flounce, Spanish, 19th century.

APPENDIX IV.

REPORT OF THE KENTER OF THE NATURAL HISTORY COLLECTIONS.

The solutions illustrating the vertices form used in tende and the inferior bardening the relation for most in tende and the inferior decision of regular federate in which the first and the vertices on our exhibited capability with the dictions. Blook the enthalliance of regular federate in which is 1 below the first tenderate in the contraction of the

A considerable increase has taken place in the number of stations who cannot be Natural Blacty Collections. A special occurs of Zeological specimenes was a sport some years ago, and a room partitioned off for standards. This room beas now been converted again rise an ordinary established neon for the public. I shale it most desirable that is room containing specimens that can be handled by students, and a few excellent wayles on Natural Blattary, should be provided.

in the Macsium, combinely for students.
The construction of the one estimates to the Natural History Division of the
Macsium that it is the control of the control of the Natural
Macsium models before room should take gince. Yev-birds of that room were
billetted devoted to the dipolay of the collection illustrating the pitch per the take at all thick and attended word illustrated to the date may be the first person,
but all Irial found in the control illustration is the date may be first person.
In this Passa habor be recent and extints to applie in the lower room of the Satural
History building, and to disperse the small collection limitative of the todesire and the control of the satural collection. Historially of the Condispolant appear to contain absolutes and into any combon engines are as a larger

oministed while or applicable to all groups of seimals.
The rearrangement of the lower room was commenced in Pebracy last. It has also been suggested to bring all the Natural History Olderboins into observable to the substitute of the personning to one another, and is just like the proposition of the personning to one another, and is just like the personning to the pers

south side.

I beg herewith to enclose lists of the dennitions of specimens and books.

(Signed), R. F. SCHARTT.

NATURAL HISTORY COLLECTIONS.

DONATIONS 1909-10.

Andrews, Mrs. : Cell of Solitary Bee on Azalea Branch from India.

Ashworth, Dr. J. H.: Small Collection of Dipters and Larvae of Auchencemyic lateols from-N. Nigeria. Balfour-Browns, F. 1

Five specimens of Apus concritorssis from Scotland. Bedel, Mons. Louis :

Small collection of Colcopters from France. Best, Capt. W. H. G. H. :

Collection of Flies (Diptora) from Opobo, S. Nigeria. Bradley, T.:

Abpectual Hen's Egg from Killmany. Burke, J. P. :

Death's Hond Moth (Ackcrossic atropas) from Pallss Green, Limerick. Campbell, D. C.: Skin of Pyenonotus gunthologue and a few Birds' Eggs from India.

Campbell, Rev. W. H. 1 Small collection of Lapidopters from Southern India.

Carpenter, Prof. G. H. Gumel Tick (Ornithodores savignus') from Aden. Authoropous's lutcols and larva from Katagum, N. Nigeria.

Hemisserus kansoni from Entebbe, Uganda. Champion, G. C.: Small collection of British Colcoptors.

Coghill, M. P. : Eggs of Fulmar Petrel and Ringed Guillemot from St. Kilds.

Colean, N. : A few Fish, Corals, &c., from Sandycovy and Dalkey. Corner, Dr. F. :

Anodonic cyrnes from the Thames at Twickenham. Calcaroous contections (Neolithic), deep in gravel from the Thames at Battersea. Darling, J. P. 1

Collection of Coleopters from Mashonaland. Dublin Steam Trawling Co.:

Crab (Parossola curieri) from 100 miles off S.W. of Ireland.

Testoccilo stouges, from Kilkenny. Fahie, W. J.:

Crossbill (Louis curvirostra) from Co. Dubřin. Foord, Dr. A. H. : A few corals, &c.

Forbes, A. C. | Two specimens of Hymenopteron (Metasticrous) from Avondale, Co., Wiekley. ed od Bark of Ash, bored by Hylesinus overestue, from Tipperary.

Foster, N. H. : Povellio Inenis from Trales, Co. Kerry, Freke, P. H.:

Brimstone Butterfly (Gonepterge rhamus) from near Rathannan, Co. Gardiner, W. I Nightjar (Coprimulpus suropusus) from Meate. Co. Westmeath.

Gilmore, James : Seven specimens of Pollen (Coregonus pollen) from L. Rea.

Gleeson, M.:

Semi-albino variety of Fieldfare (Turdus pilaris) from King's Co.

Going, Rev. John :

A few Neuropters from Cahir. Freshwater Crayfish (Astoons Surjettle) and a few Fish from River Suir-

Gordon, Dr. E. T. ; Large Shell (Burton milotics) from Marotreland, S. Africa.

Beetle (Ezonios pyrenness) from Fingles, Co. Dublin.

Grant, Col. C. C. : A collection of Silurian and Devenian Feedle from Onturio, Canada.

Halbert, J. N. : Three specimens of Bootle (Thursdornes haspite) from Lucan, Co. Dublin, Collection of Poscidae, chiefly from Co. Dublin-

Metaponorthus melanurus from Howth-Hallissy, T. : Stylodrilus Anlliesyi from River Annalce, Co. Cavan.

Hapsburg, Miss Corleone : Specimens of Garnet from Arabia

Hardy, J. B. : Small collection of Colcopters from England and Ireland.

Collection of Coclenterates and Sponges from off the Shetlands and Portogal.

Hutton, H. Specimens of Cockresch (Doryters rhombi/olis) from India. Inishkea Whaling Station :

Whalebone plates of Common Rorqual, Sabbaid's Rorqual and Buluenopers bornalis, and two teeth of Sperm Whale from off West Court of Ireland.

Jackson, J. W.: Small collection of Animal Remains from Dog Holes, Kent.

Joy, Norman : Small collection of British Coleoptera.

Koane, F. H. : Ray's Brosm (Brama rail) from Youghsl.

Kemp, 8. W .: A submarice Beetle (Aspus robinii) and a submarine Bug (Aspophilus boungroi) from Blacksod Bay.

A specimen of Testseella mangri-A collection of British Colcoptera.

Kow, H. Wallis : Small collection of Colcopters from South of Ireland. Two openimens of Falso Scorpion (Chelsier cyracus) from Richmond

Nine openimens of False Scorpion (Obisises maritimum) from Kenemars Bay, Kerry. King, Rev. R. G. Pice of Whalebone of Balacuspters musculus from Magiltigan Strand,

Co. Derry Lovinson, Dr. G. M. L.: Two speriment of Pelagic Polychaete Worm (Trunisiopsis lobifera).

Longfield, J. E .: Scorpmena dastaloptera, from Clonakility Bay, Co. Cork.

Head of Young Rabbit with abnormal teeth.

McCready, Dr. C. J.: Suske (Propidenceus tessellatus) cought at Howth.

Well-Shrimp (Nipkargus kochtanus) from a drop well in Co. Westmeath. McWeeney, Dr. : Mather, Miss A. : A buff variety of Wren (Tropholytes pursulus) from Carbury, Co. Kildars.

Milne, J. N. : Small collection of Insects from Clare Island. Nichelson, Dr. G. W.: Staphylinid Beetle (Qualitus nigricops) from Bairath, Co. Meath. Nottall, G. H. F.:

Small collection of Ticks (Izedidae).

O'Mahony, Fierce: Two skins of Bee-Ester (Merope opinster) from South Bulgaria. Ormondo, Marquis of:

Ormende, Marquis of :

A Roccue's Pheasant (Phasianus recess). Male,
Pack-Bereslerd, D. B. :
Small collection of Ichneumonides from Bagonalstown, Co. Carlow

Next and contents of Wasp (Forpa austrians) and contents of next of
Vaspa rate, from Bagenalstown, Co. Carlow.

Featland, R. C.:
Four specimens of Radd (Leusiaus erptrophishmus) from Dunier, Co.

Four specimens of Rudd (Leuciseus erystrophibalenus) from Dunicer, Ca Louis. Phillips, R. A.:

Paladestrina conjusa and a sew Weadline from near Limeriak. Six specimens of Limenaca sevoluta from Barley Lallo, Co. Cork.

Power, Mrs.: Small collection of Butterflee, &c., from Rio de Janeiro, Brank.

Praeger, R. Ll.:
Anomolite and Cave Pearls, from Mitchelstown Caves, Co. Tippersry,
Riddell, W.:

Spintter onissoides, from Larne Lough. Rebertson, Mrs. R. Tait :

Skeleton of Dexter Bull. Bogors, Mrs. Gilbert :

Nest of Termites with Queen, Workers, Parasitic Beetles, &c., from Bersey, India.

Four Mirroscopical Slides of Rotifers, &c. Royal Zoological Society;

Royal Zoological Society : A few Birds, Massemals, &c. Scharff, A. :

Lower premolar tooth of Machineralus sp. from Fleistorems Loke deposit nose Sherman, S. California. Schaeff, Dr. R. F.; Absormal Hen's Egg.

Absormal Hen's Egg.
Rock speciment of Looss, and a few Land and Freshwater Shells from
Looss, from Villefranche sur Seene, France.
Collection of Mammolian and Bird Remains from La Grive St. Albens,
near Leen.

Scharff, J.:
Two specimens of Dragon Fly (Synspeirum strictoimes) from the Botania Gardens, Glasnevin.

Sherp, Dr. David:

Sharp, Dr. David :
A few British Colcoptera.

Sharp, Dr. W. E.:

A small collection of British Colcopters.

Smith, R. W. and R. J. Ussher:

Animal remains from Kitchen Middens, Tramere. Southern, R.:

Some type specimens of Worms from Co. Dublin. Spray, W. B. A.: A few Insects from the Argentine Republic.

Spring Bloo, the Hou. Mary, and Mina L. Stephene:

Spring Bloo, the Hou. Mary, and Mina L. Stephene:

Freshwater Sponges (Heteromyenia Ryderi and Euspengilla Inomeria)

from Caragh Lake and L. Yganavan, Co. Kerry.

Stellox, A. W.:

Six specimens of Valenta surrenstons from Pevensey, Level, Sussex.

Stephens, Miss J. : Collection of Freshwater and Marine Invertebrates from Ashill, Louis

· burg, &co. Tatternall, W. M. : Exotic Earthworm (Pheretiess indice) from Belle Vue Gardens, Man-

chester. Tounim, J. C. B. :

Small collection of rore Brotish Colcoptera. Useher, R. J.:

Collection of Birds' Nests from British Islass, Iceland, &c. Walker, H. :

A few specimens of Peacock Gre, &c., from Cork and Kerry. Wallis, H. M. : Two eggs of Reed Bunting (Emberica soloeniolss) from off Aranmore,

Co. Donegal. Welch, B. : Subulina actons from West Indica. Strangura goodalli, and a few Insects, &c., from Belfast.

Small collection of Irish invertebrates. Wearhé, W. :

A collection of British Diptera. Westropp, D. :

Specimens of Spilosoma mendica from Monkstown, Co. Dublin. A specimen of Conside equestres, with pupoe, from Menisstown, Co. Cork. Whaite, Col. T. D. :

Bird remains firmly comented together from Levant Cave, Gibraltar, Whitehead, Heary : A small specimen of peaty deposit from the Dogger Bank.

Williams, A. : Dunlin (Tringa alpina) from Achill Island and Sanderling (Calidria gresorie) from Dublin Bay. Williams & Son 1

Nine Embryon of Steat from Glasnevin, Co. Dublin. Two embryo Otters from Corolin, Co. Clare.

Adams, L. E.; Pamphlet.

American Museum of Natural History : Fortisth Annual Report. For the year 1908. New York, 1909. Belfast Public Libraries, Art Galleries and Museum, Committee of :

Twensieth Annual Report. British Museum, Trustees of a

Catalogue of the Lepidopters Phalaenae in the British Museum. Valu-VII., VIII. Text and plates. By Sir George F. Hampson, Bart. London, 1908-9.

Catalogue of the Freshwater Finnes of Airies in the British Museum. Vol. I. By G. A. Boulenger. Lendon, 1900. Guide to the Whales, Porpoises and Dolphins (Order Cetaces) exhibited in the Department of Zoology, British Museum (Nat. Hist.).

London, 1999. An Introduction to the Study of Rocks and Guide to the Museum Collection. British Museum (Nat. Hist.). London, 1909.

An Introduction to the Study of Meteorites with a list of the Meteorites represented in the Collection. British Museum (Nat. Hist.). Quide to the specimens libustrating the Races of Mankind (Anthropology)

exhibited in the Department of Zoology, British Murcum (Nat Hist.). London, 1908.

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A Hand-List of the Genera and Species of Birds. Vol. V. By R. B. Sharpe. London, 1909.

Illustrations of African Blood-Sucking Files other than Mosquitoes and

Torto-Flies. By E. E. Austen. British Museum (Nat. High.) London, 1990.

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Contributions toward a Monograph of the Scolytid Boetles. 1. The Gents Dendrocteaus. By A. D. Hepkins, Washington, 1909.

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Dureden, J. R.:

The Merphology of the Madreporaria. VIII. London, 1996.

Demosticated Ostrich in South Africa. Grahamstown, 1998.
Field Museum of Natural History:

Annual Report for the year 1908. Publications 129, 132, 134. Chicago, 1908-9.

Fisher, A. K.:

Pamphlet. Foord, Dr. A. H. :

Report on the Scientific Results of the Voyage of H.M.S. Challenger, 1873-4. Zoology. Vol. II., Pt. VII. Corain. By H. N. Moseley, Leudon, 1881. A Monograph of the British Fossil Cophalopoda. Pt. I. By J. P. Blake.

London, 1882.
Dio Cepholopoden der Hallstatter Kaller. I. Band, Supplement Heft. By Dr. E. Mojissevies. Wien, 1963.

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Contributions to the Micro-Polacontology of the Cambro-Silurian Rocks of Camada Octawa, 1883.

Forbus, A. C. : Two Pemphlets. Halbert, J. N. :

Haiterf, J. N.; Alter of the Neoropters of Ireland. By J. J. F. X. King and J. N. Haibert. Dublin, 1910.
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Harvard College:

Reports on the Scientific Results of the Expedition to the Bastern
Tropical Paulic. __from Cod. 1994 to March, 1995. The
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Hedley, C.:

Mollman from one hundred fatherns . . . Cape Pillar, Taermania.

Sydney, 1908. Studies on Australian Mollecce, Pt. X. Sydney, 1908.

Modern Laboratory Methods in Vertebrate Palaeontology. New York, 1908. Hopkinson, John :

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W. E.: A Catalogue of Recent Caphalopods. Second Supplement, 1897–1966. Edinburgh, 1969.
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dian Misseam, "Frances vi." An Huntrated Catalogue of the Asiatlo Horns and Ambura in the collection of the Indian Museum. Calcutta, 1968.
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Parts 1, 2, 3. Calcutta, 1807-9.

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An Account of the Deep-Scs Atteroides, collected by the R.I.M.S.S.
"Investigator." By R. Koehler. Calcutts, 1998.
Annotated Last of the Assistic Beetles in the collection of the Indian
Museum, Part I. By N. Annotada and W. Horn. Calcutts, 1998.
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Three pamphlets. Knips, H. B.:

Nebula to Man. Lender, 1905. Longstaff, Jane.

Pamphlet.
Lönnberg, E.:

Lomnoteg, E.: Stotes on Birds collected by Mr. Otto Bamberg in Southern Transbusicalis and Northern Mengolle. Uppeals and Stockholm, 1969. Manchester Moovem:

Notes, No. 23. Manthester, 1999.

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Annual Report for 1908. Glasgow, 1909.

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Annals, Vol. I., Index; Vol. II., Pt. 1. London, 1908-9.

Northumbertsad Sea Fisheries, Committee of : Report on the Scientific Invastigations for the year 1908, and to May 20th, 19(9. Newmontle on Type, 1969. Otago University Movemn :

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Pawson, T.:

Bradford Scientific Journal, No. 20. Bradford, 1999.

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Ridgeway, W.: Pamphlot.

Recesselet, C. F.: On Synchseta femmes sp. n. London, 1969. Royal Dublin Society:

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Scharff, Dr. R. F.; Twenty-rix Pamphlets Scourfield, D. J. :

The Biological Work of the Scottish Lake Survey. Leipzig, 1908. Sedgwick Museum, Cambridge :

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Smithsonian Institution :

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Bulletin, Vol. I. fasc. 4; Vol. II. fasc. 3. Lisbonne, 1968, 0. Southern, R. : On the Amsterny and Life History of Rhabditis brassicae. London, 1909,

ndachner, F. : Jahresbericht K. K. Heimuseum für 1906 und 1907. Wien, 1907.

Strand, E. : Three Pamphlets.

Stringer, C. E. : Pamphles

Walker, J. J. :

Preliminary list of the Colcopters observed in the neighbourhood of Oxford from 1819 to 1907. Oxford, 1907. First and Second Supplements. Oxford, 1908, 10. Westropp, T. J. :

The Forests of the Counties of the Lower Shannon Valley. Dublin, 1909. Wisconsin Natural History Society: Bulletin, Vol. VI., Nos. 3, 4; Vol. VII., Nos. 1, 2, Milwaukee, 1908, 9.

Wolfenden, R. Norris Scientific and Bological Researches in the North Atlantic. London. Woodward, B. B.

Darwinism and Malacology. London, 1960. Wright, C. H.;

Report on the Sponges dredged up in the Arctic Sea by the "Willem Barente," in the years 1878 and 1879. By G. C. J. Vogmer,

Leyden, 1882, Leyutes, 1981.

Die Corlentersten, Echinodermen und Wurmen der k.k. Oster-Ungsrischen. Nordpol-Expedition. By E. v. Marenzeller. Wien,

Die Farms der Pfahlbauten in der Schweiz. By L. Rüsimeyer. Basel.

APPENDIX V.

REPORT OF THE BOTANICAL DIVISION, 1949-1910.

The new cases for Rooms II. and IV. are ready, and the rearrangement of the Becamic Collections begun. A large number of economic specimens have heen acquired from Dr. Hochroutiner of Geneva, collected by hancelf in Java, Sames and Howard, and these are in process of incorporation. Several collections have been obtained for the Herbarium, including :--

A collection of Agricultural Weed Seeds prepared by Prof. Percival.

A set of rare British Hepaticae from W. H. Pearson. Herburium Dendrologicum. Dr. C. Barnitz.

Fungi Eyehleriana. Petrack. Gramina Hungries. A. von Degen-

Myxomyoetes Exsicenti. Otto Jasp. Fungi Selecti. Otto Jasp.

These have all been mounted and incorporated. During the year 495 students have consulted the various collections in the

The Teaching Collections in the Index Room have also been largely made use of. A large number of plants have been identified for correspondents and visitors.

T. Journesone.

LIST OF DONATIONS.

Fogerty, Dr. G., Limerick:

Two large photographs of Populus nigra at New Ross, Co. Wexford. Holmes, Miss Frances :

Specimen of Indian Bark. La Navze, Miss:

Twenty-one specimers of Petrified Word. Moore, F. W.:

Sperimen of Bankela from Australia. O'Sullivan-Bore, Dr. B. :

A bex containing specimens of woods from Rio de Cartas district. Bredinsky, N. C. :

Herbarium Cryptogamicum Bossleum Fase, I. and IV. BOOKS AND PAMPHLETS.

Adams, John : The distribution of Lithens in Ireland. Agricultural Gazette, N. S. Wales. Vol. XX.

Agricultural Ledger. Bennet, Arthur :

Plants of the Farce Islands, not occurring in Great Britain, and others not occurring in Shetland, Orkney, Calthness or the Outer Heleides. Board of Agriculture and Fisheries, England

Leadets 97, 208, 219, 214 and 218-230. Journal, Vol. XVI. Botanic Gardens and Government Domain, N. S. Wales. Report for 1908.

British Museum, Trustees of a Publication No. 10. Instructions for Collectors. British Basidicusvectes, by W. G. Smyth.

Contributions from the United States National Herbarium : Vol. XII., Nos. 5-9. Vol. XIII., No. 2. Director, Royal Botanie Gardens, Kow:

Bulletin of Miscellaneous Information, Vol. X.

Director, Royal Botanie Gardena, Calcutta.

Annals of Royal Botsano Gardens, Calcutta, Vol. XI., Part 1. Text and Plates—Ariatic Palms (species of Calamus), Imporial Department of Agriculture for West Lorden, Nos. 45-42.

Imporial Department of Agriculture for West Indies, Nos. 50-52.

Manchester Museum, Handbooke. Chapters from the Evolution of Plants by
Prof. F. R. Weiss.

West Indian Bulletin, Vol. IX., No. 4. Vol. X., Nos. 1-3.

CERNDIX

REFORM OF THE CUSTOMIAN OF THE MINISTEL AND GEOLOGICAL COLLECTIONS.

During the year the most important change has been the transforence of the

collection of John Missenski to Aumous Bosom III., where they now follow the General Collection of Missensk. The rook collection has been retransput in Aumous Bosom II., which thus becomes devoted to more purely geological appertunes. By arrangement with the Zoological division of the Missense, as own and mush more sourcement with the Zoological division of the Missense, as now and mush more sourcement worknown for the efficient in charge of the mineral collections has been provided, opening from the Coological Survey corridor.

The following are the more important specimens obtained by purchase during
the year:

Patronia and Quiequeis from Pero; the former is rich in vanadium sulphide,
will the latter, sensitated with it in the vein, consists of solubor and

Kraknikir, a very hondasene blue sulphate of copper and softium, from Chile.

A "rocquirtureted ruby," to show how alumina can be orystallized artificially

A "recognization of ruley," to show how attention can be orystallized artificially with the distractors of true ruley.

Phenomia, newly discovered crystals of this gen-like berythum silicate, from

Beweil.

Marsposite, a green missecous mineral from California.

Giscoule, a hydronarbon from Utab.

Circusculos, an unusually handsome specimen of this hydreus copper alliente from Utah.

A geological and hypometrio model of the island of Santorin, by Signer Aureli

of Rome, was added to the illustrations of volumin phenomena.

A loan of minutal specimens and rocks from the reserve action was made to assust the instruction given in the Technical School, Ballymoney, Co. Arisim.

(Signed). GEREVILER A. J. COLE.

APPENDIX VII

GROLOGICAL SURVEY COLLECTIONS.

Durang the first half of the privil covered by this quarter these collections in the change of the N. I. Sprivator, where the privilege of the prelime is the Court of the Cou

GENERALE A. J. COLE,
Director of the Geological Survey of Ireland.

REPORT OF THE BOARD OF VISITORS

OF THE

NATIONAL MUSEUM OF SCIENCE AND ART, IRELAND, AND THE ROYAL BOTANIC GARDENS, DUBLIN,

For the Year ending 31st March, 1910.

TO THE DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION FOR IRELAND.

The Board of Visitors submit the following as their report for the year ending 31st March, 1910 .-

NATIONAL MUSEUM.

On the 14th April, 1910, having invited the attendance of the Director, On the 14th April, 1991, having invited the attendance of the Director,
Geome Planckett, the Vintore makes an Imprecise of the Massim, and in
The Vintors observe that the attendance of the public has decreased
by 1785 areas has year, the sumbers who passed through the turnstifes
is the more regretable as there has been a steady decrease in the number
of visitors almost the year 1990, when the attendance of the public received
of visitors almost feel year 1990, when the attendance of the public received

425,834. On the other hand, the number of students who make practical use of the Museum, in their scientific and art studies, has largely increased. The following parts of the General Guide to the Art Collections have heen reprinted during the year :-Egyption Antiquities.

Mediaval and Renassance Sculpture and Decoration

An illustrated description of the Raised Map of Ireland has been pub-

histor.

An Illestranda (highs to the Collis Assistantics of the Christian Found An Illestranda historic mis from proposals by M. Guifer, Fouger of the Link Antiqueties Collection, and has been published by the Royal Irris Link Antiqueties Collection, and has been published by the Royal Irris Andrewa, a second collision in our improvements.

"An antiqueties of the Royal Collection of the Royal Royal Collection of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to that the Koppens of the Manuscrathood ble cepturalent to the Manuscrathood ble cepturalent to the Manuscrathood ble cepturalent to the Manuscrathood ble Collision of the Manuscrathood ble cepturalent to the Manuscrathood ble Collision of the Manuscrathood bleed to the Manuscrathood bleed t Keepers at Edinburgh.

The Visitors again call attention to a recommendation contained in former reports that the position and anoluments of Mr. Dudley Westropp and Miss Knowles should be improved. The Visitors are glad to note that the Vote for Professional Assistance

has been increased in the current year, by the sum of £40, but they are of opinion that this sum is too small, and they recommend that the entire Vote, which includes the remuneration of Mr. Dodley Westropp, should be brought up to a sum of £200 at least.

The Viritors desire to call attention to the following matters relating to the huildings of the Museum.

The groups of statuary on the exterior of the Museum and National Library formed part of the scheme submitted by the architect and carried

out under his direction. The effect is accordingly destroyed by the removal of these aculptures. The fact that it was found accessary to take away the decayed carring dees not alter the right of the public to have an integral part of the design for these state buildings restored by the Board

They regret to find that Room No. 1 on the first floor of the new buildings has still to be used as an office and workroom for the Keeper of Irish Antiquities, thus preventing its use for the exhibitional purposes for which it is irrequisly required. The Visitors, in previous reports, with the ussistance of the late Sir Thomas Drew, submitted a scheme case of accomplishment which would have attained the desired chiect.

The Visitors are informed by the Director that the question of erecting a new wing, crossing the cost side of Kildare Phace, is in contemplation, in order to provide accommodation for the Betanical and Geological exhibits, in close proximity to the Zeological Collections. They trust that the Department will press upon the Trensury the desirability of having

the preparation will press the state of the lights of the Temporary Annexe should be put into a proper state of repair. Their present condition is unworthy of an Institution of such importance as the Museum, and it is also a danger to the valuable contents of the Collection. The walls also of these galleries require to be properly

The Visitors note with satisfaction that provision has been made for a fire-proof Spirit Store, and that the work is now far advanced, and they would press on the attention of the Department the necessity which exists for providing another properly fitted up store for the reception of the valuable collections of bird skips and other specimens which are much used by the stoff and experts, and for which the present accommodation is quite The Visitors, in their observations on the Natural History Division, have

called attention to the new approach to this part of the building. This is a matter of general interest in its relation to the buildings as a whole. While considerable improvement has been made in the electric lighting of the buildings, the Visitors are of opinion that additional lamps are required in many positions, which are at present insufficiently lighted, and required its many pearsons, waters are at present mentionessay agrees, one that condiscrable improvement night be made in the lighting of the Botanical Division if the outlon filament lamps were replaced by Ograms. The Vuisions observe with satisfaction that the supply of daylight has The Valuate observe wise successes that the supply or conjugate non-bean greatly improved by the insertion of prisonate glass in the windows of ortania rooms in the new buildings; they are glad to hear that similar glass will be supplied in the south windows of the Lower Hall, Natural History Division, from which they anticipate good results, and they recomthat the north windows should be treated in a similar manner. The Visitors renew the recommendation contained in their previous reports that the slylight in Room V., Botanical Division, should be increased in size so as to admit more daylight.

The Visitors would again draw attention to their recommendation, made last year, that in view of the increased accommodation provided in the Misseum for exhibition purposes, the number of attendants in the Museum is too small to odequately protect the collections and keep the furniture and fittings in proper order

The Visitors are pleased to note that, as recommended in last year's report, the Royal Betanic Gardens and the Massum have been placed, through the General Post Office, on the Telephone Exchange. They are informed that this arrangement is working satisfactorily, and that it is a great saving of time to the officials in the Botenic Gardens, the Museum, and the other associated Institutions. The Visitors again cell attention to the urgent need that exists for

law visitors again can assess no too upper new same expens for faving the countyard paved with sephalt, wood, or some other suitable material by which the amount of dust and mad carried into the huildings by wind, and on the feet of visitors, would be minimised.

The Visitors are informed that, in accordance with their suggestions, application was made last autumn for an increase in the Vote for Purchase

of Specimens, but that it has not been, as yet, acceded to by the Treasury.

They would again call the attention of the Department, and of the Treasury, to this matter, and to its importance owing to the increased prices which have to be paid for Museum specimens.

ART AND INDUSTRIAL COLLECTIONS.

Art Collections.

Gentrel (barri-The Board of Visions note with pleasure the importment in the present of the green irregulariest for Central Hall, and comprehents the Director and his subordinates on the excellent wart they have comprehent of the present the contract of the contract of

to suggest that while this work as roording the coins and either stems of lessor importance may be a proper impact of passed drawers in order to the properties of the properties of the properties. The importance and witness done in the Irith Antiquities Division. The importance and witnish collection of Bufform has been augmented and is well displayed. A notable exhibit in this section is the Regimental Colour of the Bullishimhot Company, presented by R. B. Armstrong, Ken-

of Edinburgh.

The collection of Civil and Ecclesissical Costumes is equally well displayed at the west end, where the cost of a Chimney Piece from Verona has been newly erected.

nas owen newsy execuses.

Rooms I. and II., Ground Floor.—Greek, Roman, and Egyptian. No change has been made in these sections, which still remain congested.

Room III., Ground Floor.—Ethnological. The Visitors notice the great majorement in the lighting of this section by the introduction of prismatic

unprovement in the lighting of this section by the introduction of primature glass. Nothing of importance has been added, restrictly mechanged. Booss III., "in and VI., Gressel Hoor, are primature glasses. Booss III., "and VI., Gressel Hoor, and the second the second that the second flow—The Vision has been about the second of the second that the second of the second that the second of the second that the second of important sequilations shows no sign of the second of the second of the second that the second of the second of the Morris Infrastry, both of 1803. A fine Double Horp is also a reviewe softline.

On 1800s. A most beamer north is note in recovered postured units of the first production of silver rains, on boan and other wise, is shown to the best advantage. The unthation of well space as still under consideration. The Victor of the rain of the silver and the silver of well cause showing a ten less than the victor of the rains of the silver of

Reference of the Control of the Control of the Control of the Control of Cont

Room VIII., Perst Fisor—The Longiselt Colection, when was purchased after a valuation of the pottery and perceivan had been made, a new in process of arrangement. The Visitors think that this upper and the takes of transferring from the property of the property of the takes of transferring from and other ware, at present occupying space to which it is not properly estitled. Room IX., Furt Floor—No. change of importance.

Industrial Collections.

No important additions have been made to this Cellection during the year. One or two objects of interest have been learned so the Division, and are available for exhibition. One, a model of a Sulmon Hateleney, kint by the Fisheries Branch of the Department of Agriculture, and the other a model of a spiral stairness.

CERCULATION CONTROPPOSES

These appear to have been 40 cases (all connected with Agriculture), added before the end of the year, but an interest mod ready 500 states and the property of the property o

of 128 an compared with 100% using the by wife 36 both, bung a decreme the Visitors understand that this decremes in an empared with 100%. The Visitors understand that this decremes in an employed the conditional connections with the Department. Ferrorety cases were sensed by the Missens, as the expenses of the Dipartment, on application, to National Missens, as the expenses of the Dipartment are saverilled for continues thus expensed to the Control of the Control of

IRISH ANTIQUITIES COLLECTIONS.

There are no extensive changes since the date of the last report, the number of leaver improvements also send life remixed.

In Room No. III; the Lember Shield, recently described in the Proceedings of the Control of the Annalysis, see exhibition. We note in the same room a cut of all of the descript, see exhibition. We note in the same room a cut of the life of the last seed o

have been purchased.

The value of the casts of Irish Architecture and Crosses is steedily increasing. The extra of Corner's Chapel and of several crosses have been cladler, the pare cose, of the critical dorsers have been cladler, the pare cose, of the critical dorsers and High cross of the control of th

In the west Cypt, various arrangements and improvements have been effected, notably the officetion of queen stones and bronze pots, formerly in Room No. III. The pikes have also been brought together and re-arranged.

NATURAL HISTORY COLLECTIONS.

Zosłogy,

During the last few years the opticities of frish minute, as the greated by Koppe and I manuscrave man beautiful the property of the property

nones, and by using paint of a higher orders, the illumination of the route in improved.

In processor is a row decrease been under the francisco the handling. In processor to contribe pretty, which, in the interests of handling, readed be an essential feature. It is also discretely, rittle when the processor is contribed to the processor of the contribution of the route distribution of the route distribution of the route of the processor of the contribution of the route of the processor of the contribution of the route of the processor of the route Propi Chipp of Seines buildings. They have that, if the precision of the route Propi Chipp of Seines buildings. They have that, the true processor of the route Propi Chipp of Seines buildings. They have that, the true processor of the route Propi Chipp of Seines buildings.

gate and a carriage drive to the now Museum door.

The plan of the starts leading to the upper focer has heen improved and some additional space has heen obtained, by this mucan, on the upper flow. The arrangement and display of the antrashe on the upper flow. The arrangement and displayers, in must display the comment of the proper flow. The arrangement and include the comment of the comment

placed in position

The Yelium doint again to sail attention to the extremely anotationary to the street of the form of the street of

forms.

It is provided, in the part of the Mussum open to the public, as Thould out in former upwark, as coefficient case of page sponimens, for the use of jamine students of Zoology. These specimens may be removed from the abshave for atonly, into owing to the unastinatedrey assumer in widel exhibits are crewded in the Assausa rooms, there is not even space for a small table for students to vow it, and the case if you wan appear for a small table for students to vow it, and the case if you wan appear for a form of the contract of the passage of the first three passages of the first three passages of the first three passages of the passages of th

Students' Room during the next year.

The various field that in half-former reports they must have failed up the flowerment to realise the deprined conditions of "Homm" named hances 1, 11, 111, 117, and V. Those were in as many years named hances 1, 12, 111, 117, and V. Those were in the many years named hances 1, 12, 111, 117, 117, and V. Those were in as many years named for catche decks, and says at that time have been considered suitable for the emission and they are validated for three emissions of the many rehalfs and three-relations of the many rehalfs and the relation of the many relations and keep, and the proposition in the late of of the footony named by relative of the plattice;

sometimes laid down in tents or booths. The Visitors doubt if there is any nasseum to the Kingdom in which such wretched accommodation is provided. The condition of the rooms may be gauged from the fact that it has been found necessary to use trays, filled with sawdust and cloths, to catch the water which in wet weather comes through the roof; in some places the Visitors notice that receptacles have actually to be placed on the tops of the The Visitors are given to understand, by the Director, that he is urging the building of a new wing to provide accommedation for the Belantical the building of a new wing to provide accommedation for the Belantical and Geological exhibits, in close proximity to the Zeological collections. They hope that such a holliding will be erected as seon as possible, but in the meantime, they would impress the urgency of improving the rooms indicated, and thus dispelling the bad impression which their present condition necessarily creates in the minds of the public. In their former reports the Visitors drew attention to the unsatis-

factory arrangements in the matter of the dual control of the Geological and Palacontological specimens. They regret that no changes uppear to have been instatuted in this respect

The deep excavations and building connected with the heating of the Royal College of Science have caused much inconvenience at the back entrance to the Zoological part of the Museum. The Vantors most strongly urge that steps should be nt once taken to provide really commodious and lightsome accommodation in this position for the specimens at present that this is in contemplation, and that the construction of a fire-proof store for the specimens preserved in spirit is in process of construction.

Geology and Mineralegy

The collection exhibited by the Geological Survey of Ireland in the Chived Gallery, shows that much careful work has been expended upon its arrangement. An ingenious method of displaying the specimens has its intranspanent. An ingenious memon of unsyreying approximate of these adopted in the case of the sedimentary rocks. The specimens of these are practically of nulform sine, and are supported upon are negligible upon a horizontal rail. The rocks are grouped under weaden blocks resting upon a horizontal rail. The rocks are grouped under bendings corresponding to the Provinces of Ireland.

In the Natural History Collection the Irish Minerals, which are, unfortunately, such crowded, have been re-arranged under the names of the counties from which they were obtained. They are now placed in close proximity to the main oblection of minerals and the rollef map of Irish. profinity to the main collection of minorals and the cellef map of recensal. The Vallaries hope that steps will be taken to engrave the name of the manner of the profit of the profit of the profit of the profit of the Marbles to be seen in the factorior, the profit of the profit of the Marbles to be seen in the factorior, which we have been an experimentally the profit of arranged around the Main Hall.

Botony.

In former reports the Visitors called attention to the increasing use of the Herbarium made by students. They are pleased to find that this increase steadily continues, as shown by the fact that no fewer than 650 signed the attendance book in that department during the past year, and that number did not include several who worked merely in the Index Rosen. A good collection of European grasses, which has been recently added. must prove of material advantage to students, especially to those studying Agriculture.

The Visitors note with satisfaction that in various portions of the Museum, especially in Room II., new steel cases have been provided, which are a decided improvement on the old ones formerly used. It is most desirable that an additional supply of apparatus should be provided to illustrate the different functions of the organs of plants or the principles of Vegetable Physiology.

The Hand List of Irish Flowering Plants, which was referred to in the last report as being in the hands of the printer, has care been published and is sold at a small nominal charge which will enable all students to avail themselves of it. Nothing has been done to sectify the unsatesfactory state of the electric

mentioned in the last report of the Visitors Notaing rate torse in the list report of the Vaitors.

In the list report, and the list report of the Vaitors.

In the list report, called a resulting the list report, called attention to the great want of natural light both in the Herbarium and its attention to the great want of natural light both in the Herbarium and the Room. V. Is their last report, they expressed their great gratifications that some structural alternations had been effected in the Herbarium and the resulted in a married improvement. They must extractly support that the contract of the property of the structure of the struc

similar afterations should be made in Room V The Visitors desire to call attention to the fact that the ventilation in several of the rooms is not axisfactory, and that this defect could be easily rectified by inserting in the roof ventilators similar to those in the

Another matter to which they think it right to call attention is, that here is a constant draught in the Keeper's Room which could probably be cured as a small cost by substituting a more substantial partition than the present cauvas one between is and Room Y.

The Visitors note, with much satisfaction, that it is stated in the report of the Director for 1968-9 that the removal of the Botanical Collection to a more convenient and accessible position, when the new buildings are completed, is in contemplation.

ROYAL BOTANIC GARDENS.

The Varitors impacted the Gardens on the 14th of April, 1910. Shey found them, as on former occasions, in excellent condition. Some of the tomac them, so on former occasions, in casement consistent come of the half hardy outdoor succiment had suffered from the severe frost, but the general appearance of the Gardens was not affected.

The number of visitors to the Gardens during the year ending 31st March, 1910, was 430,426, as against 426,717 for the corresponding period

March, 1910, was 430,430, as against early, it for one orthophology of the perions welve numble to the perions welve numble and the perions when the period of the period

The rock garden has been considerably extended. It now contains a valuable collection of specimens, while it constitutes an interesting and

ormesque reature in the Cornens.

The Visitors note with pleasure that many of their recommendations

The slate staging in the Palm House has been completed, and this

important bones is now in a very good condition.

The roof of the Orchid and Fern Home has been re-constructed, the defective roof having been resmoved. The Visitors nois with satisfaction that the collection of Orchids is in excellent condition. This house as of special interest to visitors, 25 it contains the best collection of Orchids in any public garden in the United Kingdam, and that its value is appreciated, is oridenced by the fact that many of the most valuable specimens

are donations. The new hydraulic rom is working well. This, with the addition of the new since gate and bridge over the overflow, passes the system of water supply to the Gardens in a satisfactory condition. The benefit of this system would be increased by a further extension of service mains through

The Visitors found the houses generally in good condition. While the Visitors note with satisfaction that so many of their recom-

While the Visites note with antisation lists to many of their recommendations have been carried out in an efficient manner, they have to point out certain deficienties. There exist, at present, no proper deed for the accessmodation of carts, waster burrely, harrest and clear large garden implements, which, in the absume of noth necessarily be lot under the venture. The Visiters also call attention to

the fact that the present Propagating Houses are insufficient for the requirements of such an extensive institution. They are of an antoquated type, and should, as soon as possible, be replaced by more surfable structures,

In last loos done in the Perjoy's Garden on the Plannis Park.

The special attention of the Visitors was called to the character and condition of the various buildings and house used in connection with the Gardens. They were so much imposessed with their inndeputing which they required the property of the subject of the property of the Visitors.

The Visitous are satisfied, from a careful inspection, that more expensed on the reconstruction of the existing hullidage would be simply wanted. The existing stores and others at the rare of the opts ledge are built recond problems are such as the contraction of the contraction

to the Gardens.

The Viniters attack great importance to the provision within the Gardens of a suitable refreshment room and cycle shot. The octains now used as a suitable refreshment room and cycle shot. The octains now used as a continuous continuous

plan about so espec in very the see was seen concooled with, from time to time, in excison, one concooled with, from time to time, in excison, and in the consoled with the control of the consoled with the control of the consoled with the control of the control or control of the control of the support of the Boyal Gardens at Kew and the Keyal Botanic world for the support of the Boyal Gardens at Kew and the Keyal Botanic world for the convex points, e.g., calling, meany world to the Record of Worlds for new works, repairs, &c., e.g., and g., and g

Royal Gardens, Kew. 238,068 Reyal Botanic Gardens, Edinburgh, 215,500 while the sum voted for the Royal Botanic Gardens, Dublin, amounts

while tac sum voted for the Reyal Botanic Gardens, Dublin, amounts only to 25,390.

D. H. MADDEN, President.

APPENDIX

Royal Botanic Gardens, Glasnevin, Dublin,

11th May, 1910.

SKREETARY, DEPARTMENT OF AGRICULTURE AND TECHNICAL INSTRUCTION.

I beg to make the following report on the condition of some buildings and offices must be gate, and of several of the arrangements connected with the working of the garden. I have gene through these matters fully with the Assutant Secretary in respect of Agriculture on the ground, and explained times to him in detail, and I understand that he approved

of them presently, solytes to makes modifications.

1. Referebunces rooms, From the commencement I have protested against the present ordershment rooms. They are unmittable for the purpose in overy way, and many completits have been made about them. Instead of being on the dusty road, with only a shed belind, they should have been present the contract of the protested of the pr

8th June, 1910.

1. Suitable accommodation for hierarch should be provided. There is no labon in the principal value sky min as tented. An unspected end principal value of the principal value of the provided principal value of the control value of the control value of the principal value of the value of value value value value of value value

ushful in this respect?

I. Bertrow Gite. At Kee and Billsburgh spends entreace are preL Bertrow Gite. At Kee and Billsburgh spends entreace are pregreat and has during of this gite. At Histories there is no bull strenger
spend and has during of this gite. At Histories there is no bull strenger
spend and the spends of the spends of

5. Outdoor foreman's office and tool store. These hulldings are on the left of entrance gate. They are most unsuitable. They are too small, and there is no space to extend or remodel in present position. Tany should be removed to another and more suitable gite, or changed to the

should be removed to another and more suitable building now used as a dwelling house by the men.

unuang now sant in a creaming frome y une main.

The property of the property

harrows, hand early, and large implements; they have to stand out in all weathers. Money was voted for such a thed, but no sultable site could be found for it inside the existing walls. There is ample space in the

new ground.

2. Propagating Department. This is not of the root imperious departs.

2. Propagating Department. In the first the large broast store to be grown on a contract of the large broast store to be grown on, and all new plants and side plants are neven until strong ecough to go up to the large boson. The propagating departments near criticates gabe is much too mind, and the large plants of the propagating department of the relations of the many contracts and the large plants of the propagating the represental position for increase them in their present location. These represently applied for extended accommodation in the propagating heavas, but no untable such can be found inside the gradue, and make the propagating t

I has to recommend that a comprehensive scheme should be adopted to remedy, by degrees, these defects. There is ample space in the new field cuttide the gardes proper, to which these various buildings could be transferred. If such a definite scheme were sanctioned, and adopted, some ferred. If such a definite scheme were sanctioned, and adopted, some

section of it such be taken in hard each year until it was completed. This has been found as it Kee and at Elisabetaph. At Edishbergh, the old houses, the proquegling between, and steen lave been pulled down and new buildings have been exceed to replace how. Buildings have been were prepared and the properties of the comparatively place appeals from temptabled, be also discussed in the properties of the section of an intrinsic such as this garden beforehead. I would welcome any one happerton and opens.

(Sgd.) F. W. Moone.

REPORT

OF THE

COUNCIL OF TRUSTEES

OF THE

NATIONAL LIBRARY OF IRELAND

For the Year 1909-1910

To the Secretary of the Department of Agriculture and Technical Instruction for Ireland

Sin

As Chairman of the Council of Trustees, I have the honour to submit the following Report for the twelve months ending 31st March, 1910, within which period fell the Easter Recess, four days, of 1900, and that of 1910, also four days. The annual summer closus such that the summer construction of the summer closus of the summer closus of the summer closus of the summer closus that the summer closus of the summer closus of the summer closus that the summer closus of the summer closure of the summer closus that the summer closure closure closure closure closure closure closure closure that the summer closure closure closure closure closure closure closure that the summer closure closure closure closure closure closure closure that the closure closure closure closure closure closure closure closure that the closure closure closure closure closure closure closure closure closure that the closure closure closure closure closure closure closure closure closure that the closure closure closure closure closure closure closure closure closure that the closure that the closure clos

The attendances of readers numbered 189,986. This total exceeds that of 1908-9 by 670, but the working library year in 1908-9 was 3 days shorter than that of 1909-10.

Attendances (gentlemen); morning (10 to 6), 126,183

weening (6 to 10), 49,275, Attendances (ladies), morning and evening (10 to 10), 13,808

189.266

The daily average of attendances during 1909-10 was 668. The daily average of the attendances of the year 1908-9 was 673-55; of 1907-8, 668-36; of 1907-6, 1082-3; of

During the year ending 31st March, 1910, the number of volumes added to the Library, and made accessible to readers, has hen 5,700; of these 650 are folio, 570 quarto, and 4,770 octave and smaller sizes. A classification of these by topic given in A ppendix I, where also will be found statistics as to the book-binding, as to the borrowing by members of the Royal Dublin Society, and by certain officers of the Science and Art Institutions, also lists of private persons and of public bodies who are donors of books.

The Author and Title Catalogue for the years 1906-7 has been printed off and issued since the date of the last Report; while considerable progress has been made in preparing for press the Catalogue of the Joly Collection. The Catalogue for the year 1908 has been sent to the printer

The printing of the Decennial Subject-Index, 1894-1903, has now advanced to the letter D. The preparation of the Septennial

Index, 1904-10, is now in progress.

In the Appendix, the Trustees record the names of numerous donors, and note the more remarkable gifts. Here in the Report proper, they desire to state their sense of the value of the gift made by Mirs. Hemilker Headon, from the Library of the late Sir John Banks, and also of a second gift from the Reyal College of Physicians in Ireland, supplementing the large one described by the Trustees in last vear's Report. The Trustees draw attention to the steady enrichment of the Library by donations of late

At their meeting on October 8, 1909, the Trustees addressed to the Department a resolution deprecating the dismissal of two boy Library attendants, who would shortly reach the age of 21 years, and pressing upon the attention of the Department the desirability of now adding to the number of permanent Library attendants, thereby reducing the number of places for temporary boy-attendants to only four, and bringing the proportion of permanent and temporary places into accord with that which prevails in the Department of Printed Books in the British Museum. The Prustees also drew attention to a passage in the Report of the Treasury Committee of 1905 upon Accommodation in the Library, which ran as follows: "We feel that our recommendations would not be complete without some reference to the contingency they may involve as to additional assistance." On this suggestion the Trustees had not previously taken action, because the trained boy attendants from whom alone it is possible to recruit the permanent attendant staff bad not yet in sufficient numbers reached the age which renders each of them eligible. But that age would be reached in January and November, 1910, by suitable boys; and this fact, conjoined with the remarkable growth of the Library in size and value (on which the Trustees comment in the Report of 1909), and the serious loss to the service which would be involved in letting trained young men go, determined the Trustees in thus addressing the Department. As a result of this recommendation, the Trustees, at their meeting on January 28, 1910, and communicated to them a letter from the Treasury, dated 30 December, 1909, sanctioning "the proposal that the number of Third Class Attendants at the National Library of Ireland should be increased by two, the number of Boy Attendants being at the same time decreased by two."

We regret to record the death of Dr. Edward Perceval Wright, formerly Professor of Botany in Dublin University, which occurred on March 2, 1910. Dr. Wright had for seventeen years been one of the Trustees of the National Library.

appointed by the Government.

On April 27, 1910, the Council of Trustees suffered a further great loss in the death of Judge Shaw, who had been a Trustee for seven and a haif years. He had acted on the Treasury Committee of 1966 with important and useful results to the Labrary.

The Textone have much pleasure in noting that useful near starting was introduced by the Borrel of Public Works in various starting was introduced by the Borrel of Public Works in various starting that the Public Works is the Starting Starting and the restriction of the Starting Starting Starting Starting Starting and thus much improved the distribution of light, particularly and thus much improved the distribution of light, particularly to the hamment form, while the conduct of relaxets in the Boaring of the Starting Starting Starting Starting Starting Starting lamps which light tables, body-greene, and catchague deltacer and the starting S

The Librarian, by the direction of the Trustees, attended the Annual Meeting of the Library Association, held in Sheffield, Scotember 20-24, 1910.

The Trustees submit the Librarian's Annual Report on the Library and its administration. See Appendix II.

T. A. FINLAY.

APPENDIX I.

STATISTICS AND LISTS.

Subjoined is a brief general statement of the attendance of readers since the Library was founded in 1877 :--

YEAR					A	TTENDANC
1878	The	first complete year of t	he Library.			27,452
1889	The	latest year of lodgment	in Lainster 1	Tours.		51,325
1893	m.	first reliable record after	the transfer	in 1890.	to	
1000	200	the present huilding,				113.888
1894		me breening mandring,				119,500
1895						125,500
1896						135,365
1897						137,832
1898						142,218
						154.878
1899						148,405
1900					***	40,763
hree	month	hs, January-March, 1901			***	150,780
ear.	Apri]	1, 1901-Morch 31, 1902			***	174,786
car.	April	1, 1902-March 31, 1903	,	100	***	110,700
ear.	April	1, 1903-March 31, 1904	,	***	***	181,385
ear	Anvil	1, 1904-March 31, 1905			***	198,274
					111	193,462
						178,974
					140	190,657
lank	April	1, 1908-March 31, 1909				188,596
	April	1, 1909-March 31, 1910,				189,266

The volumes added to the Library and made accessible, during the year 1869-10, may be grouped as follows:—
Bibharanhy, Library Romany, Rock Barilles, and Orelowella.

Bibliography, Librar	y Beence	ny, Boo	k Rariti	os, and	Cyclopas	lio
works			**		***	235
Newspapers, General	Periodi	cale,	***		***	457
Philosophy,	W	77			111	193
Religion, Theology,	Processis:	sticki D	intory,		***	438
Secrology, Statistics Political Economy	Pontic	ii Seteni	ce,			153
				***	***	
Parliamentary Papers				***		
Administration.					***	
Associations.			***			
Education					***	
Commerce.		-01				
Amusements, Custon	t been as					
Philology,		The state of the s				

Mathematics,			***	111 ()	457	
Astronomy,					***	47
Physics, Light, H		17 14	***	***		32
- Chemistry,	031, A100			***	***	172
Geology,						67
Palmontology.		***				63
Biology, Anthropo	France Str.	**		A11	415	14
Botony, Anthropo		77		East	***	63
Botany, Zoology,		100	111			61
			***		***	300
Usoful Arts in Gener	al,		***			10
Patent Office Publ		***				170
Medicine,	on t	***				345
					144	70
Agriculture,	***			400		53
Domestic Rennom:				***		- 16
Communication, (рошитого	, Railw	ay Guide			. 00
Chemical Arts, Ma		res, and	Trades,		81.7	78
Fine Arts in Gener						79
Landseape Gardeni	ng,					6
			100			43
Soulpture,	***					19
Drawing and Des	ign.					18
					440	38
Engraving,						3
Photography,		100				4
Music,					***	35
Archnology,					450	57
General Literature,		4.		lun-		23
English Literatur	e (Essay	. Poets	r. Period	Scale &	(c.),	. 324
German						145
French,						168
Latin.						. 64
Italian						59
Greek,	44					51
Other Literatures,		***	***	***		' - 89
General History,			417			18
Géography and Trave	t.	***				200
Biography, Genealogy	Horal.	dry, éc		14		210
Ancient History,	, 220.03	ary, ecc	.,			30
History of Europe,				100		222
in a Asia,				***		19
" Africa,	***			***		13
America.						26
) Oceanica,	111					5-

Total

... 5,970

Subjoined is the return as to binding done for the Library during

1909 :			
In the binder's hands, Dec. 31st, 1908, Sent to the binder during 1909		1,040	
Returned by hinder during 1909,		5,540	12
In the binder's hands, Dec. 31st, 1909,		840	,,

Subjected is the account of hocks begrowed from the Library during twelve measure sending March 31, 1910, by members of the Royal Dublin Society, and by certain officers of the Institutions of Science and Art:—

In burrowers' hands, March Slat, 1909, Lent between April 1, 1809, and March Sl, 1910, to men of the Royal Dublin Society, Lent to officers of the Limitation of Science and Art,		134 778 427
towns to outcome or the amendment of octance and are,		427
		1,389
Resursed during the twelve months,,		1,217
In borrowers' hands, March Sist, 1910,		122
With members of the Royal Duhlin Society,		64
With officers of the Institution of Science and Art,	***	58
the state of the s		122

The number of members of the Royal Duhlin Society entitled to borrow, seconding to the last official list published by the Society, is 339.

The following are some of the more noteworthy special gifts received during the year:---

MM. RUBBILLE HANDS promised served: benefor whose the state of the Laboury of the United Deck Bank Mr. Dr. 1. a could be Laboury for the United Deck Bank Mr. Dr. 1. a could be the Laboury for the United Deck Bank Mr. Dr. 1. a could be sufficient to the Laboury for the L

Heberden's History and Core of Discase, 1802; Sully's Memoirs, 2 vols., London, 1756; Morre's Memoirs of Captoin Rosis, 1884; Lyttelden's Leiters, 2 vols., Dublin, 1752; Chair Letters are les Indolpences, 2 vols., La Haye, 1751; Hamilton's Metophyrics, 2 vols., 1899; Discussions, 1852.

THE ROYAL COLLEGE OF PHYSIGIANS, TREASHD—A supplementary gift on human g. principally modeled, among them Dekamokie's Treit complet des acrondwesses, 1729; Payar's Merpologies, Balle, 1856; Quancy's Pheramogones Officially, 1735; Durnin's Zoonowski, rol. I., 1724; Lind's Eurry, 1772; Exton's Midwylery, 1720; Grygory's Precise of Physics, 1772; als Cully's Quene, 1021;

Protects of Papers, 1772; the Entity's Open, 1977; The Tender's Papers, 1772; the Colly's Open, 1977; The Tender's United College of Papers and Papers (Inc.) and Papers (Inc.

OFIGINA DE'OANJE I DE PUBLICACIONES, MONTEVIDEO, Works by Antonio N. Pereira, in 29 volumes, 1877-98; Pellico's Mis Prisiones, tradpor Pereira; Shakespeare's Howlet, trad. Pereira, 1892; El Rey Lear, trad-1894 abr.

THE DERCYGRORMERAL OF THE SURVEY DEPARTMENT, GLEA, EXTYT.—The Proluctions and Reports of the Department on the Topography, Geology, Palacentology, etc., of Egypt, upwards of 40 volumes (to be continued), also the Topographical May of Egypt, 100 shoots (to be continued), and verticus Town Mogs, 50 shorts, and Special Maps, 110 shoets (to be continued).

THE GOVERNMENT OF THE KINGDOM OF THE NETHERLANDS.— Ch. Leemans' Birth-Boudour done Pile de Java, dessiné par F. C. Wilson, French and Dutch Texts, with Pintes, 1873-4.

THE RABL OF RADNOR. Catalogue of the Pictures in the Collection of the Event of Bodiens, by Helen Matiliah, Countees of Redone, 2 vecks, privately printed, Chievich Press, 1900; an extremely beautiful book.

THE DUBLIN CHAMBER OF O'ONIMEROR.—181 volumes of Newspapers: The Times, 109 volumes, herives 1859,1900; Dulig Express, 16 vole, 1881,1901; Precessor's Jewend, 36 voles, 1801,1961.

voor, 1885.1901; Freescon's Journal, 36 vols., 1890.1898.

MR. ANDREW ROBINSON, Board of Public Works. The Dublin Main
Drainone Inquirer, 1879, with Maps.

THE REV. W. HACKETT, S.J., Clongoves Wood College. The Clongornion, vols. L.-IV.; a complete set to date.

PROF. O. H. OLDHAM .- The Speaker, vols. 17, 18, Old Ser.; vols. 3-4, and 11-15 New Ser.

MONSTIONEUR THE DUKE OF ORLEARS.—Croinère Occasiographique dans la Mer du Gréaland en 1905, per Mons. A. de Gerlache, Commandant de la "Belgion," Brussels.

MR. E. E. Houliwtoux DIX .- Saymour de Ricci's Census of Contone, 1909 (Bibliographica) Soc., No. XV.)

MISS LONGFIELD .- Valentine Gill's New May of the County of Wex-MBB LONGUIELD.—Valuatine Gill's New May of the County of We-ford, Lendin, 1811; Indee to the Forewards Everse of the County of Long-ford, 1857; also some early publications of the Royal Dublin Society, MBBS S. J. GOUGH.—41 volumes of general Herstone, Englang Per-nell's Peress, Dublin, 1771; Marzintit's Life, Letters, and Perens, Beaus-ty, 1806; Select Collection of Letters of the Asternet, ed. Ochs. Barago, Perns and Control of the County of the Letters of the Asternet, and Perens, 1806; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1806; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1807; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1807; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1807; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1807; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1808; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1808; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed. Ochs. Barago, 1809; Select Collection of Letters of the Asternet, ed.

THE DEAN AND COUNCIL OF THE ROYAL COLLEGE OF SCIENCE.... iteene des Patois (continued as Revue de Philologie Française), vols. I.-XI.,

COPENHAGEN .- Glessche's Minoralogiske Reyer i Grönland, 1878.

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THE COMMISSION FOR GEOLOGICAL RESEARCH IN GREENLAND,
 A list is subjected of the names of persons from whom gifts have been
received between April 1, 1909, and March 31, 1910 :--
                                                                        Lyster, T. W.
  Abendeen.
                   The Countess of.
                                                                        Macariney-Filgate, W. T.
Magee, W. K.
 Bachofen, Lt. Col. Emil.
Ballinger, John, M.A.
Berry, H. F., Litt.-D.
Best, R. L.
Bigger, F. J.
                                                                        Mouready, Rev. C. T.
Millin, J. Shannon.
                                                                        Neals, James, F.S.A., Executors of,
Neil, J. Crawford.
                                                                        Nutting, Hev. John K., Boston, Mass.
O'Carrell, John
O'Neill, J. J.
 Brown and Phillips, Leitester Gal-
 Beries, London.

Byrne, Matthew J.

Carson, James, Lisburn.
                                                                        Parsons, B.
Paton, J. and J.
Pénard, Engène, Geneva.
Pharmacoulical Press, London.
 Coffey, George.
 Coleman, Rev. A., O.P.
Cooke, John, M.A.
                                                                        Praeger, R. Lloyd.
Purser, Miss Sarah H.
Quarteh, Bernard
Quiggin, E. C., Ph.D.
Baymend, Goorge L., Princeton
 Craig, James, M.D.
 Crawford Henry S.
 Crawford, Henry S.
Daly, Dominick, B.L.
Day, Davies and Hunt, London.
Dennelry, W. F.
Dascours, Paul.
Dix, E. B. McClintock.
                                                                        Reeves, P. Oswald.
Rudmose Brown, Professor T. D.
Ryan, Proderick W.
 Dixon, Prof. Henry H.
Dixon, Samuel G., M.D., U.S.A.
                                                                        Salter, Miss Mary
Dowden, Professor.
                                                                        Sandes, John.
Scharff, R. F., Ph.D.
Smith, Cattersee, R.H.A.
Spink & Co., London.
Stoney, G. Johnstone, F.R.S.
                                                                        Synnoti, Nicholas J.
Tempest, William, Dundalk.
                                                                        Thalbitzer, William, Ph.D., Copen-
                                                                        Trades Directories, Ltd., Edinburgh
                                                                        Walkey, A. H.
Wolsh, Lieut, W. P. Pakenham.
Wolch, R., Belfast.
West, John L.
                                                                        Westropp, Thomas J.
White, H. Bentry, I.S.O.
White, H. Bentry, I.S.O.
White, Rev. J. D. Newport, D.D.
Williams, E. E. B.L.
Williamsen, Dr., Hampsteed, Lon-
 Kerahaw, Dr. H., Oldbam.
Leech, H. Brougham, LL-D
Ling-Roth, H., Halifux.
Lengfield, Miss.
                                                                        Wood, Rev. E. M., LL.D.
Wright, C. T. Hagberg, LL.D.
                                                                        Yeats, Miss, Dondrum.
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Gifts have been received between April 1, 1909, and March 31, 1910, from
the following Public Departments, Public Bedies, Public Institutions, and
Learned or Literary Section -
       Municipal Council of the City of Dublin.
       Port and Docks Board, Dublin.
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His Majesty's Stationery Office. Lords Commissioners of H.M. Treasury. Lords Commissioners, Admiralty. British Museum. Patent Office.

Foreign Office. War Office. Office of the Registrar-General of Sociland.

Astronomer Royal, Greenwich. Ordnence Survey of England and Wales. Goological Survey of Great Britain.

,, Ireland.

Sociand.

Socian

New South Wales. Western Australia. Orocasland.

Archeological Survey Department, Madras. Government of Madras. Survey Department, Gisa, Egypt. Government of the Netherlands.

Italian Government Government of Bombay, Department of Agriculture, India

Bengal Government. Meteorological Office, India.

Ministry of Interior, Canada. Department of Agriculture and Technical Instruction for Ireland. Congested Districts Board.

Board of Education, South Kensington. Board of Intermediate Education, Ireland. Office of Records of Scotland. Department of the Interior, U.S.A.

Department of Agriculture, U.S.A. Director-General of Statistics, Uruguay, Monte Video.

Commission of Health, Pennsylvania. Bureau of Lahor, Washington.

Representative, Commonwealth of Australia, London.

Commissioners of Education, Washington. Department of Commerce and Labor, U.S.A

Presence thouse Department, N.Y.
Bureou of Statistics, Treasury Department, U.S.A.
Coast and Geodetic Survey, U.S.A.

Corporation of London. Royal Society, London. Linnean Society, London.

Australisainn Association for the Advancement of Science. London County Council.
London School Board.
Pharmacoutical Society of Great Britain. Pharmscentical Secrety of Ireland. Cryptogamic Society of Scotland. Royal Geographical Society. Botanic Gardens, Kew. Commission for Gacaegical Research in Greenland, Copenhagen. First Church of Christ Scientist, Duhlin. County Borough of Brighton. General Medical Council, London. General Medical Coursell, Locadea. City of Dublin Public Health Office. School Attendance Committee, Dublin. Friends' Tract Association, London. Royal Statistical Society, London. Manachusetts General Hospital. Royal Astronomical Society, London. Royal Institute of British Architects, London. Society of Accountants and Auditors, London. Chemical Society, London. Maconic Grand Commandery of Illinois, Chicago. Australian Museum, Sydney. Boston Museum of Fine Arts Boston Museum and Art Gallery. National Museum of Wales. Manchester City Art Gallery. Bristol Art Gallery. Council Indian National Congress. Collisis Indian Peatition Congress

Hish Agricultural Organization Association.

Royal College of Science, Dublin.

Royal Irish Academy of Music. Royal Brian Gardens, Glassevich. Royal Botanic Gardens, Glassevich. College Historical Society, Trinity College, Dublin. Dublin Free Brigade, per T. P. Purcell. Link Unionist Alliance. National Laberal Club. National Council, Dublin, Irish Art Students' Exhibition Trish Central Bureau for the Employment of Women. City of Dublin Technical Schools. Municipal Technical Institute, Belfast. Theorophical Society, London. Methodist Orphan Society. Methodist Missionary Soc., London. Royal Zoological Society, Ireland. Zoological Society of London. Royal Hortscultural Society of Ireland. Peace Society, London. Navy League. Statistical and Social Inquiry Society of Ireland Jewith Historical Society of England. Belfast Municipal Art Gallery and Museum. Bermingham Free Libraries' Committee. Boston Public Library. Bristol Public Library. 31. Helen's Public Library. Imperial Library, Calcutta. Cambridge University Library Library of Congress, U.S.A. New York State Library.

486 Harvard University Labrary Johannesburg Public Library. Bibliotheca Publica Provincial de la Plata. Glasgow University Library Lords Public Library Liverpool Public Library John Rylands Library, Manchester. Nothingham Library. Newcostle-on-Tyne Central Library. New South Wales Public Library Newcostle-under-Lyms Public Library. Newcostle-moor-lyins runne bloomy. Bedhian Library, Oxford St. Louis Public Library, St. Louis, U.S.A. Bibliothèque du Musée, Bergun. Los Angeles Public Library Carnegle Free Library, Cork. Bibliotheco National, Habana. Warrington Library and Museum Worcester Library and Museum. Worcesier Library and Museum-Onaka Library, Japan.
Public Library of Busicon, Massochusettis.
Girton Gellege, Combridge,
Association, College, Dublin Lady Principal,
Goagonew Wood College,
Wesley College, Dublin - Lady Principal,
Goagonew More College, Dublin - Board,
Trinity College, Dublin - Board,
College Historical Society, Bublin University.
Broad College of Physicians, Trebard,
Reval College of Physicians, Trebard, Royal College of Physicians, Ireland. Aberdoen University. Belfast University. University College, Cork. University College, Galway. University of Sheffield. University of Leeds. University of Liverpool. University of Manchester University of Cambridge. Edinburgh University. Harvard University University of London Royal Holloway College University of Birmingham University College, London University of California University of Conforms Leland Stanford Junior University, California. New York University. University of Wisconsin Cornell University. University of Illinois. Carnegie Foundation for the Advancement of Teaching. College of Preceptors, London. St. Andrew's University. Melbourne University.

Dartmontia College, N.H.

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Sydney University.

John Hoghier University.

Columbia Buivensity.

Columbia Buivensity.

Columbia Buivensity.

Yak University.

Yak University.

Yak University.

The College of Science and Regineering.

Besturch Hungarian Orelindogical Society, Budapees.
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Hungarian Ornithological Society, Budapest.

The following societies present publications annually:

The Royal Society of Edinburgh: Transactions and Proceedings.

The Royal Dublin Rower of the Commission of the Proceedings and The Royal Dublin Rower of the Proceedings and Scientific Proceedings and Scientific Proceedings and Scientific Proceedings and Scientific Proceedings.

Tronaucitons,
The Royal Itial Academy; Proscedings,
Royal Society of Antiquaries, Prelay Journal,
Royal Society of Antiquaries, Prelay Journal,
Belfart Naturalists' Field Club: Rejort and Proscedings,
Royal Institute of British Architects; Journal and Culendar,
Sockey of Chemical Industry: Journal,

Society for the Preservation of the Irish Language **Report. Royal Academy of Medicine in Irishiad In-Transactions. Institute of Bankers in Ireland, 8, Kildare-place, Dublin : Joursal, Limerick Field Citib : Joursal, Limerick Field Citib : Joursal.

The following periodical publications have been precented in the year.

The contenting periodical publications have been presented in too year 1909 to the National Library of Ireland, alther by the publishers, or by grivate docurs, or by public bodies.—

Alliance News.

Bored of Trade Journal.

Board of Trade Labour Gosette.

Board of Agriculture Journal.

British Medical Journal.

Bulletin, Department of Labor, U.S.A.

Unital Security Security Institution

Christica Science Journal.

Lind Service Computator.
Ord Service Weekly.
Opticat Towning Clad Gasette.
Department of Agriculture and Technical Instruction for Ireland
"Journal."

Drapers' Record.
Father Mathew Record.
Fore Busine,
Gentlewenun.
International Theorophist (formerly The Irish Theorophist).

International Theorophist (formerly The Irish Theorophist, Irish Cyclist, Irish Droper, Irish Eirld, Irish Howastend.

Irish Ironmonger. Irislashkar Mulghe Nuadkad. Irish Bosary. Irish Packet.

Irith Packet.
Irith Tobacco Trade Journal
Isish Vintner and Graces.

Musical Herald, Nation in Arms. New Century Path. New Church Magazine.

Propriété Industrielle. Socialist, The. T.C.D.

The following Irish newspapers, presented during the year 1909, are filed Analo, Celt. (Caron) Kildare Observer (Numb. Armagh Guardian Kilkenny Journal Ballymoney Free Press Leinster Express (Maryborough), Leinster Leader (Nass), Bray and South Dublin Herald. Cornekteress Advertiser. Lasburn Herald. Clere Journal (Ennis). Coloraine Chionicle. Month Chromorie (Kella), Cork Constitution. Cork Enganemer Mid-Ulster Mail (Cookstown), Nationalist, The (Carlow), Nationalist, The (Cleamel). Cork County Eagle (Skibbarum). New Rose Standard. Donagal Independent (Bally-Northern Constitution (Coleraine). Northern Whir (Belfast). Donouel Vindioster (Ballyshannon). Rescommon Messonger. Portsdown News. Saturday Record (Bunis). Ecko, The (Enniscorthy). Sinn Pres, Daily and Weekly. Evening Telegraph (Dublin). Sligo Independent. Sport (Dublin). Gelway Express. Sueday Independent (Dublin). Tuem Herald. General Advertiser (Dublin). Ireland's Gun (Dublin), mone Constitution (Omach). Ires Catholic (Dublin). Irish Duly Independent (Dublin). Warder, The (Dublin). Waterford Chronisle. Irish Exectald (Dublin). Weekly Processon and Supplement. Irish Nation Irish News (Belfast). Irish Poolet (Dublin). Westmooth Examiner (Mullingar). Western News (Ballinssioe). Irish People.

Wisklow News-Letter. Wicklow People. Kerry Burning Post. Witness, The (Belfast) The Royal Dublin Society has continued its generous gift of daily and

Wanford People.

Illustration (Paris). Journal de Débata (Paris)

Lady's Pictorial. Morning Post. New York Tribune

Disstrated Sporting and Dramatic

Leslie's Weekly (New York). Evening Standard. St. James's Garette. Shetoli

weekly papers as follows:-Belfast News-Letter. Daily Express (Doblin). Busning Telegraph. Daily Graphic. Daily Graphic,
Daily Mail.
Daily News,
Daily Chronicle.

Irish Weekly Independent,

Graphio.

Illustrated London News. Irish Times.

Westminuter Gazette.

APPENDIX II.

REPORT OF THE LIBRARIAN, 1909-1910.

To the Council of Trustees.

This is the eleventh report of the new series ordered by the Trustees

in January, 1900, in which the Librarian addresses to the trustees an informal statement upon such matters in the administration of the Library as may be doomed by the Trustees of sufficient interest, and not unsuitable for publicity.

Arrangement of Books.

As usual, there has been a minute examination of the arrangement of sertain sections; corrections have been made where necessary; new labels have been printed to mark these corrections, or to replace worm-out labels. The stoticus thus breated during the past year were i—German and French Literature, Mathematics, Astonomy, Physics, Geology, Medicine, Agrical-ture, Travel, Biography, Education, Army and Milliary Science, portions of the Fine Arts section, and of Ancient History and Philology.

of the Fine Arts section, not or assess among and Fine-oug.

A way large collection of Parliamentary reports and blue hocks presented in termer years by the Boyal Publin Society, and leid adds in the boscenario of the Library, was overskunded, dusted, and seried. These when looghit together with another collection of valuable Parliamentary reports, formulated her emotival for a fine solution of ruports of Commissions, and special Department reports upon important subjects, Ethientedas, and special Department reports upon important subjects, Ethiente, Agriculture, Land Laws, Education, Hygiene, France, Leod Government, etc., which have been bound, entalogued, and placed in the various sections of the Library beside kindred works. Again, where necessary, application was made for volumes to complete long sets, and the Library thus has come to possess most useful series of annual reports of the great Boards, whereby much saving of time in reference is assured. The tesk occupied a section of workers during three weeks, when the Library was closed in July and August, 1909.

The Banks Gift and the Royal College of Physicians' Gift.

Another of the special tasks of the period of closure may be mentioned here. The numerous volumes of these generous gifts were impressed with special stamps recording the source whence they came. The collections were examined and sected, and several hundred volumes were chosen for numerists cataloguing. The fire Banks collection is described in Americal L., that of the Royal College of Physicians in the Bropet of last YOUR.

During the post year the Map Room has been examined and re-arranged. Not only has the ordinary large influx of the Ordnance Survey been kept Not only has the ordinary large influx of the Ordinace Survey been kept in order and bound, but a number of missing wheels of their super of order years, have been obtained by special application, and sets long availing completion are now available for public use. By classification of old maps itsued by private carterpalses, several more volumes have been formed. The eventual cut of Ms. maps of the Irish Mail Cook treating, skilling about 1806-1811, presented by the Commissioners of Public Works in 1906, have being a particularly well-known Irish cartographer.

Cataloguers' Work.

Catalogue slipe have been written for all the new books added by pass chass, and also for a very large number of volumes substeed from the detactions of recent years, such as the detaction by Mrr. Resmitter Heston from Sir John Basile's Likenry, and the two gifts of the Boyal College of Physicians. The cataloguing and binding of the numerous and valuable pamplishs of

Diames a Learnity, of the two gives on one mayes over a registrative for the cataloguing and binding of the numerous and valuable primplets of the Joly Collostice has advanced considerably. A large body of plays, mostly Doblin egistenth-contrust verprints of serverteenth and sighteenth contrary dramatites, has been catalogued; the plays being them bound in groups determined by their authoristly.

Printing of Catalogue.

The Author-Candagon of Books added downy 1900-7 has been issued, the printing of the Author-Candagon for 1900 has form. The preparation for the press of the siley swritten for the books in Exposure 1900 and the press of the siley swritten for the books in the Author-Candagon and the Author-Can

The Deak Catalogue.

The party per less test one of secondary study persistence in the task of manufacture in the Dack dataspase the other from the law ratios beginness constraints in the party of the persistence of the pers

Deal Subject Index.

The marrison by a filtery-structure in large falls belgets for use in the Borburg floom, of support effections taken from the if beclames in which form the filter and the support of the middle of the slighbolt. If has proved very cachel to statistics. With it, in these columns, will be incorposable, by the same method, has decreased as fallow, 100-4100, the pointing is begin and the support of the label, 100-4100, the pointing is begin at the follower counter for reference, and has discovered from the support of the follower counter for reference,

Standy advance has been made in other branches of solvivity on which the Trustons have been made in a farmer teprist. It is not accessed in the property of the decision of the region of a particular year, yet the decisency of the property of the property

tion of the Library which Thomas W. Laurin

Jan. 23, 1910.

(185). Wt.28884-8.91. 75. 4/'11. C.&Co.,Ltd. G.4.